

RENOVATION

DESCRIPTION OF WORK

UNIT A: Upgrade sorority lodge to provide new interior paint, new kitchen cabinets, replace mechanical equipment, replace existing light fixtures with new LED light fixtures.

UNIT B: Upgrade sorority lodge to provide new interior paint, new kitchen cabinets, replace mechanical equipment, replace existing light fixtures with new LED light fixtures.

UNIT C: Upgrade sorority lodge to provide new interior paint, new kitchen cabinets, replace mechanical equipment, replace existing light fixtures with new LED light fixtures.

UNIT D: Upgrade sorority lodge to provide new interior paint, new kitchen cabinets, replace existing light fixtures with new LED light fixtures.

UNIT E: Upgrade sorority lodge to provide new interior paint, new kitchen cabinets, replace existing light fixtures with new LED light fixtures.

See MEP Drawings for more information.

BUILDING DATA

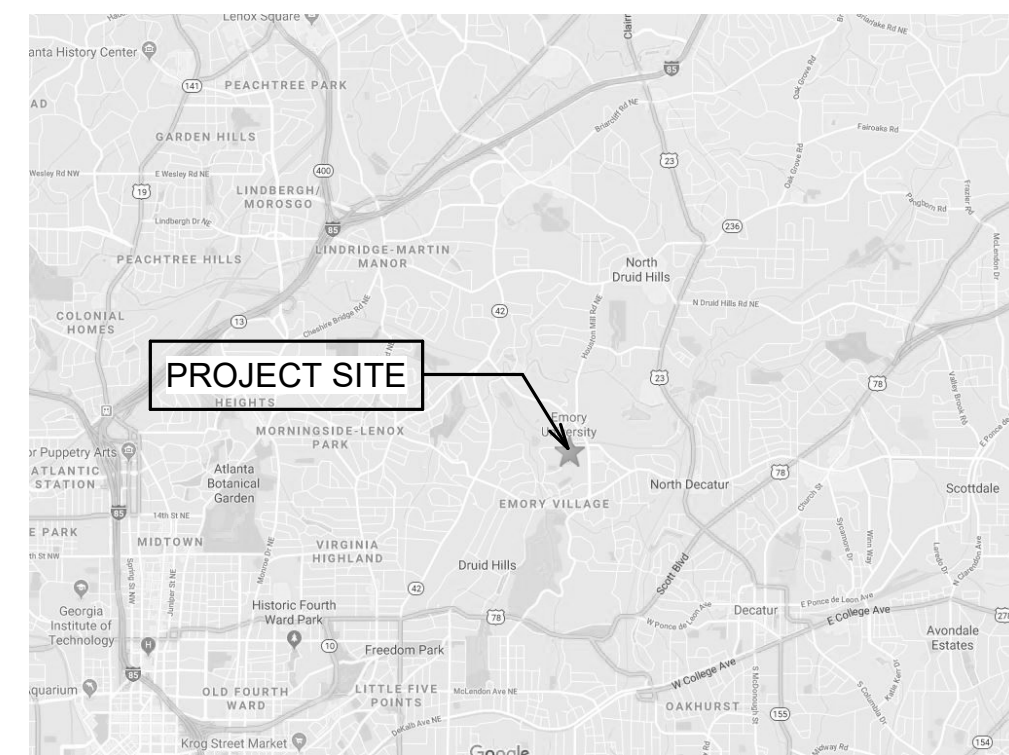
PROJECT SITE DATA:
 SITE AREA: N/A
GROSS BUILDING DATA:
 CONSTRUCTION TYPE: TYPE I-B, UNPROTECTED
 FIRE PROTECTION: FULLY SPRINKLERED
BUILDING AREA:
 EXISTING BUILDING: 81,250 S.F.

CURRENT CODES - CITY OF ATLANTA

International Building Code 2018 Edition with Georgia Amendments (2020)
 International Residential Code 2018 Edition with Georgia Amendments (2020)
 International Fire Code 2018 Edition with Georgia Amendments (2020)
 International Plumbing Code 2018 Edition with Georgia Amendments (2020)
 International Mechanical Code 2018 Edition with Georgia Amendments (2020)
 International Fuel Gas Code 2018 Edition with Georgia Amendments (2020)
 National Electrical Code 2020 Edition (no Georgia Amendments)
 International Energy Conservation Code 2015 Edition with Georgia Supplements and Amendments (2020)
 International Swimming Pool and Spa Code 2018 Edition with Georgia Amendments (2020)
 National Fire Protection Association 2018 NFPA 101- Life Safety code with Georgia Amendments (2020)
 Georgia Accessibility Standards 2010 Georgia Accessibility Code 120-3-20

***** SEE THE FOLLOWING SHEETS A-010-2 THROUGH A-015-2 FOR LIFE SAFETY / OCCUPANCY CALCULATIONS AND EXITING PLANS. *****

VICINITY MAP



NOT TO SCALE

LOCATION MAP



NOT TO SCALE

ARCHITECT, ENGINEERS & CONSULTANTS

ARCHITECTURE
 BRPH
 2727 PACES FERRY ROAD SE
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 SETH SPANGLER
 spanangler@ssr-inc.com
 www.ssr-inc.com

SORORITY RENO. LODGES A-E

PHASE 2

11 Eagle Row, Atlanta, GA 30322

DRAWING INDEX

GENERAL	ARCHITECTURAL	STRUCTURAL	MECHANICAL	PLUMBING	ELECTRICAL	FIRE PROTECTION
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	AD-105-2 FIFTH FLOOR DEMO PLANS - UNITS C-E		M-114-2 HVAC LEVEL 4 DEMOLITION PLAN		E-114-2 ELECTRICAL LEVEL 4 DEMOLITION PLAN	
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	A-011-2 FIRST FLOOR LIFE SAFETY PLAN - UNITS A-E		M-116-2 HVAC PENTHOUSE DEMOLITION PLAN		E-116-2 ELECTRICAL PENTHOUSE DEMOLITION PLAN	
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	A-015-2 FIFTH FLOOR LIFE SAFETY PLAN - UNITS C-E		M-242-2 HVAC LEVEL 4 PLAN		E-242-2 ELECTRICAL LEVEL 4 LIGHTING PLAN	
	A-201-2 FIRST FLOOR FINISHES PLAN - UNITS A-E		M-252-2 HVAC LEVEL 5 PLAN		E-252-2 ELECTRICAL LEVEL 5 LIGHTING PLAN	
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	A-204-2 FOURTH FLOOR FINISHES PLAN - UNITS C-E		M-800-2 HVAC RISER DIAGRAM		E-262-2 ELECTRICAL LEVEL 3 POWER PLAN	
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	A-713-2 KITCHEN MILLWORK @ UNITS A & B					
	A-714-2 NEW ADA TOILET @ UNIT B					



NOT FOR CONSTRUCTION

DOCUMENT HISTORY

ARCHENROR OF RECORD

DESIGNED BY: SKO
 DRAWN BY: SKO
 PROJECT NUMBER: C08792.001
 DATE: 12/16/21
 TITLE: COVER PAGE - LODGES A-E

FOR PRICING
12/16/21

DRAWING NO: **G-000-2**



EMORY PROJECT NO: CP200000158

SORORITY RENO. LODGES A-E PHASE 2 11 Eagle Row, Atlanta, GA 30322

NOT FOR CONSTRUCTION

DOCUMENT HISTORY

Table with 2 columns: Date, Description. Includes entries for design, drawing, and project number.

ARCHITECT OF RECORD

DESIGNED BY SKO DRAWN BY SKO PROJECT NUMBER C08792.001 DATE 12/16/21

TITLE ABBREVIATIONS, SYMBOLS & GENERAL NOTES DRAWING NO. G-001-2

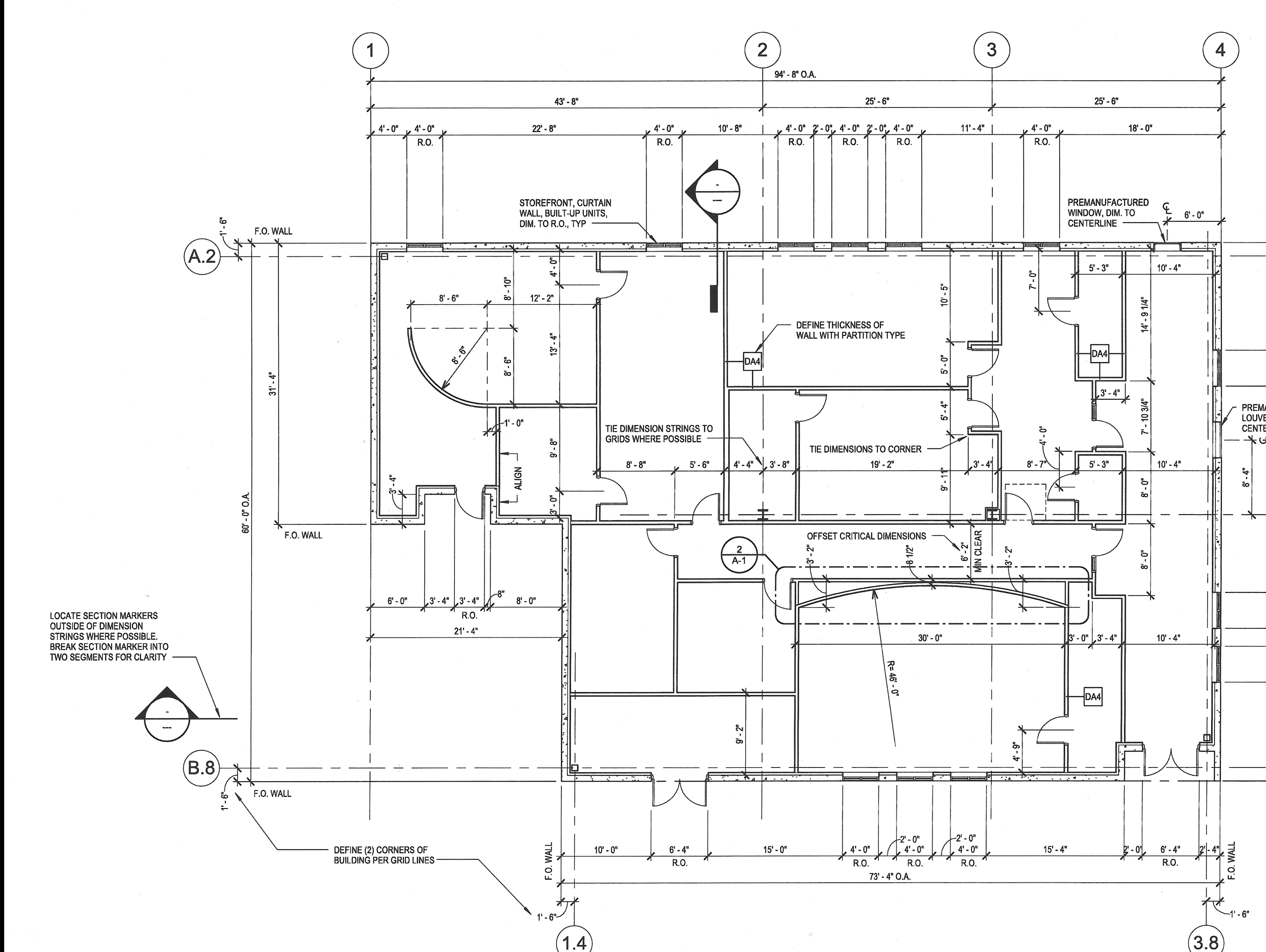
GENERAL NOTES

- 1. CONTRACTOR IS RESPONSIBLE FOR VERIFYING SITE, FIELD AND BUILDING CONDITIONS ASSOCIATED WITH THIS WORK PRIOR TO SUBMITTING BIDS AND COMMENCING WORK. IF THERE ARE ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS, CONFERENCE WITH CONSTRUCTION MANAGER AND ARCHITECT/ENGINEER FOR RESOLUTION.
2. CONTRACTOR SHALL FURNISH ALL ADDITIONAL DATA AND DOCUMENTATION TO SECURE ALL REQUIRED PERMITS AND SHALL COORDINATE THIS DATA WITH THE CONSTRUCTION DOCUMENTS WHERE REQUIRED.
3. ALL DETAILS AND SECTIONS SHOWN IN THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUCTED TO APPLY TO SIMILAR CONDITIONS ELSEWHERE ON THE PROJECT, EXCEPT WHERE INDICATED BY A DIFFERENT DETAIL.
4. CONTRACTOR TO PROVIDE COMPLETE AND WORKING MEPP/FIT SYSTEMS IF INDICATED IN ANY PORTION OF THE DRAWINGS.
5. PLANS WHICH APPEAR AS BACKGROUNDS ON ENGINEERING DRAWINGS ARE FOR THE PURPOSE OF ILLUSTRATING GENERAL SPACE CONFIGURATION ONLY AND SHALL NOT BE USED FOR PORTIONS OF THE WORK OTHER THAN THAT PERTAINING TO THE TITLE OF EACH SHEET.
6. ANY MASONRY FIRE PROTECTION IS ACHIEVED PER EQUIVALENT THICKNESS CALCULATIONS (TABLE 721.3.2) FOR HOURLY RATING SO AS INDICATED ON PLANS. SEE DETAILS IN DRAWING SET FOR APPLICABLE DATA.
7. GYPSUM FIRE WALL NOTES: FOR GYPSUM FIRE WALL ASSEMBLIES, THE CONTRACTOR SHALL PROVIDE FOR THE FOLLOWING:
a. COMBUSTIBLE MATERIAL SHALL ABSOLUTELY NOT BE ALLOWED TO PENETRATE THE FIRE WALL GYPSUM MEMBRANE. THIS INCLUDES INTERSECTIONS OF NON-RATED PARTITIONS WITH THE FIRE PARTITION.
b. FIRE-RESISTANT RATED ASSEMBLIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TESTING AGENCY SPECIFICATION SHOWN ON THESE DRAWINGS. NO DEVIATION FROM SPECIFICATION SHALL BE ALLOWED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT AND PERMITTING AGENCY.
c. STUD OR JOIST SPACING SHOWN ARE MINIMAL VALUES. IE: STUD OR JOIST SPACING CANNOT EXCEED THE TESTED ASSEMBLY SPECIFICATION. STUD AND JOIST SIZES OR GAUGES INDICATED ARE MINIMUMS.
d. GYPSUM BOARD USED IN THE FIRE-RESISTANT RATED ASSEMBLIES SHALL HAVE THE PROPER U.L. LISTING OR OTHER AGENCY APPROVAL STENCILED ON THE REVERSE SIDE OF THE BOARD INDICATING THAT THE GYPSUM BOARD IS ACCEPTABLE FOR USE IN THE SPECIFIED ASSEMBLY.
e. GYPSUM BOARD MEMBRANE SHALL BE CONTINUOUS AND UNINTERRUPTED VERTICALLY, HORIZONTALLY OR THROUGH ANY OFFSETS REQUIRED UNLESS OTHERWISE SHOWN. ALL PENETRATIONS THROUGH THE WALL SHALL BE PROPERLY FIRESTOP WITH THE SPECIFIED FIRE STOP SYSTEM SPECIFIED ON THE DRAWINGS.
8. WHERE THERE IS AN ACCESSIBLE CONCEALED FLOOR, FLOOR-CEILING OR ATTIC SPACE, ANY WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING IN THE CONCEALED SPACE. SUCH IDENTIFICATION SHALL:
a. BE LOCATED WITHIN 15 FEET OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION.
b. INCLUDE LETTERING NOT LESS THAN 3 INCHES IN HEIGHT WITH A MINIMUM 3/8-INCH STROKE IN A CONTRASTING COLOR INCORPORATING THE SUGGESTED WORDING, FIRE AND/OR SMOKE BARRIER-PROTECT ALL OPENINGS, OR OTHER WORDING.
9. AROUND ALL EXPOSED PIPES, CONDUIT OR DUCTS, INSTALL ENCLOSURES OF THE SAME MATERIAL AND FINISH AS ADJACENT WORK, UNLESS NOTED OTHERWISE.
10. PROVIDE AND INSTALL ALL NECESSARY SUPPORT, BLOCKING, ANCHORING AND BRACING FOR ELECTRIC LIGHT FIXTURES, CHANDELIERS, OPERABLE PARTITIONS, TOILET PARTITIONS, MECHANICAL EQUIPMENT, PIPES, DUCTWORK, CABLETRAY, OTHER UTILITY APPURTENANCES, AND SIMILAR MISC. METALS (OET OR IMPLIED) IN THE CONTRACT DOCUMENTS.
11. ANY SURFACES OR AREAS NOT CLEARLY DEFINED OR INDICATED BY FINISH SCHEDULE SHALL BE OF SAME MATERIAL AND FINISH AS SURFACES OR AREAS OF SIMILAR USE ELSEWHERE.
12. FINISHES SHOWN IN SCHEDULE TO EXTEND OVER, UNDER AND BEHIND CABINETS, COUNTERS, EQUIPMENT, FURNISHINGS, CHALK AND TACK BOARDS, RACKS, AND FIXTURES APPROXIMATELY 1"-2" WALLS BEHIND SAME TO BE FILLED AND PRIMED.
13. WALL FINISHES SHALL INCLUDE ALL PROJECTIONS, RECESSES, COLUMNS, ENCLOSURES AND BULKHEADS.
14. EXTERIOR PERIMETER OF ALL WINDOWS, DOOR FRAMES, LOUVERS OR OTHER ITEMS INSERTED IN AN EXTERIOR WALL SHALL BE SEALED WEATHER TIGHT WHETHER INDICATED ON DRAWINGS OR NOT.
15. CEILING FINISHES SHALL INCLUDE ALL PROJECTIONS, BEAMS, BOXED ENCLOSURES AND BULKHEADS.
16. SEE STRUCTURAL DRAWINGS FOR LOCATIONS OF ALL VERTICAL AND HORIZONTAL MASONRY WALL REINFORCEMENT.
17. FIELD CHECK ALL ROUGH AND/OR FINISH DIMENSIONS FOR ACCURATE FITTING OF EQUIPMENT, CABINETS, COUNTERS, FIXTURES AND ACCESSORIES BEFORE FABRICATION. PROVIDE AND INSTALL ALL NECESSARY FILLS, SCRIBE STRIPS, PANELS, BASES OR TRIM TO COMPLETE AND FINISH INSTALLATIONS.
18. CONSULT PLUMBING, ELECTRICAL AND MECHANICAL DRAWINGS FOR LOCATIONS AND DESCRIPTION OF ACCESS PANELS, LOUVER OPENINGS, VENTILATORS, GRILLES, REGISTERS, PANELS, VALVE CABINETS, DRINKING FOUNTAINS, ETC.
19. ALL SWITCHES, OUTLETS, THERMOSTATS, CLOCKS, SPEAKERS, FLAG POLE HOLDERS OR OTHER WALL MOUNTED DEVICES OR CONTROLS SHALL BE INSTALLED IN LOCATIONS WHICH ARE UNOBTSTRUCTED BY CABINETS, COUNTERS, RACKS, FIXTURES, CHALK AND TACK BOARDS, FURNISHINGS OR EQUIPMENT. ITEMS INTENDED FOR WALL MOUNTING SHALL NOT BE INSTALLED ON, THROUGH OR INTO ANY OTHER EQUIPMENT UNLESS SPECIFICALLY CALLED FOR. VERIFY MOUNTING HEIGHTS WITH ADA REQUIREMENTS.
20. PROVIDE AND INSTALL ALL NECESSARY HARDWARE, BRACKETS, BRACING, ANCHORING, INSERTS, BLOCKING, FURRING OR OTHER SUPPLEMENTARY ITEMS NEEDED FOR COMPLETE INSTALLATION OF EQUIPMENT, CABINETS, FIXTURES, ACCESSORIES, DISPLAY CASES, MIRRORS, COUNTERS, MARKERS/BOARDS, TACKBOARDS, CCTV, INTERCOM, PROJECTORS, TOILET ACCESSORIES, BLINDS, GRAB BARS, ETC.

SYMBOLS LEGEND

SYMBOLS LEGEND section containing various drawing symbols and their corresponding labels. Includes: FLOOR PLAN (1), SECTION MARKER, EXTERIOR ELEVATION MARKER, INTERIOR ELEVATION MARKER, DETAIL CALLOUT MARKER, FLOOR ELEVATION SYMBOL, SPOT ELEVATION SYMBOL, STRUCTURAL GRID MARKER, PARTITION TAG, ROOM TAG, DOOR NUMBER TAG, GLASS TYPE TAG, LOUVER TAG, CURTAIN WALL / WINDOW WALL SYSTEM TAG, KEYNOTE TAGS, REVISION CLOUDS, FIRE RATED PARTITION (1 HOUR and 2 HOUR separation assemblies), TYPICAL MASONRY WALL, TYPICAL METAL STUD PARTITION, OPENING, INSULATION (LOOSE OR BATT), RIGID INSULATION, METAL-LARGE SCALE, WOOD-FINISHED, CONCRETE, WOOD-ROUGH, MARBLE, PLYWOOD-LARGE SCALE, EARTH.

DIMENSION STANDARDS



DIMENSIONING

- 1. THE DRAWING SHOWN IS AN EXAMPLE OF TYPICAL BRPH ARCHITECTURAL DRAFTING PRACTICES.
2. DIMENSIONS TO BE PLACED FROM FACE OF DRYWALL, CMU OR CONCRETE.
3. REFER TO LARGER PLAN OR DRAWINGS FOR ADDITIONAL DIMENSIONS.
4. ROUGH OPENINGS FOR MASONRY OR CONCRETE, CONTRACTOR TO ALLOW FOR TOLERANCES REQUIRED FOR ALL OPENINGS AS REQUIRED FOR DOOR FRAMES, WINDOWS AND OTHER INFILL ITEMS.

ABBREVIATIONS

ABBREVIATIONS table listing various construction abbreviations and their full names. Includes: ABV ABOVE, AFF ABOVE FINISHED FLOOR, AF ACCESS FLOOR, AP ACCESS PANEL, ACCOUS ACQUOUS, APC ACOUSTIC PANEL CEILING, AWC ACOUSTICAL WALL COVERING, ADJUST ADJUSTABLE, AIC AIR CONDITIONING, AHU AIR HANDLING UNIT, AL ALUMINUM, ALT ALTERNATE, ADA AMERICANS W/ DISABILITIES ACT, AB ANCHOR BOLT, I ANGLE, ANDX APPROXIMATE, APPROX APPROXIMATE, AE ARCHITECT/ENGINEER, ARCH ARCHITECT, ASSY ASSEMBLY, ASPH ASPHALT, @ AT, BKS BACKSLASH, BM BEAM, BRG BEARING, BTW BETWEEN, BF BIFOLD, BLK BLOCK (W/NG), BD BOARD, BLT BOLT, BND BOND, BS BOTH SIDES, BOT BOTTOM, B.O. BOTTOM OF, BRK BRICK, BRZ BRONZE, BLDG BUILDING, BL BUILDING LINE, BP BYPASS, CAB CABINET, CAR CARPET, CSWK CASWORK, CIP CAST IN PLACE, CLG CEILING, CEM CEMENT, CSM PLAS CEMENT PLASTER, CTR CENTER, CL CENTERLINE, C TO C CENTER TO CENTER, CT CERAMIC TILE, CHBD CHALKBOARD, C CHANNEL, CLRM CLASSROOM, CO CLEANOUT, CLR CLEARANCE, CLEAR CLOS CLOSET, CRC COLD ROLLED CHANNEL, COL COLUMN, COMB COMBINATION, CONC CONCRETE, CCB CONCRETE BLOCK, CMU CONCRETE MASONRY UNIT, CONF CONFERENCE, CONN CONNECTION, CONST CONSTRUCTION, CJ CONSTRUCTION, CONTROL JOINT, CONT CONTINUOUS, CONTR CONTRACTOR, CFE CONTRACTOR FURNISHED EQUIP, COORD COORDINATE, COPING COPING, CG CORNER GUARD, CORR CORRIDOR, CTSX COUNTER SINK, CRS COURSE, DP DAMPROOFING, DB DECEBEL, DEPT DEPARTMENT, DET DETAIL, DIAG DIAGONAL, DIA DIAMETER, DIM DIMENSION, DW DISHWASHER, DISP DISPENSER, DSL DSL, DR DOOR, DG DOOR GRILLE, DO DOOR OPENING, DN DOWN, DS DOWNSPOUT, DWG DRAWING, DF DRINKING FOUNTAIN, DFR DRYER, EA EACH, EAF EACH FACE, E EAST, ELEC ELECTRIC (AL), EWC ELECTRIC WATER COOLER, EWH ELECTRIC WATER HEATER, EL ELEVATION, ELEV ELEVATOR, ENCL ENCLOSURE, ENGR ENGINEER, ENT ENTRANCE, EQ EQUAL, EQIP EQUIPMENT, EXH EXHAUST, EXH FAN EXHAUST FAN, EXIST EXISTING, EG EXISTING GRADE, EXP EXPANSION, EJ, EXP JT EXPANSION JOINT, EXT EXTERIOR, ECB EXTERIOR CEMENT BOARD, EXTD EXTRUDED, FAB FABRIC, FBR FACE BRICK, FOS FACE OF STUDS, FOW FACE OF WALL, FM FACTORY MUTUAL, FED SPEC FEDERAL SPECIFICATIONS, FT FEET, FOOT, FIN FINISH, FE FIRE EXTINGUISHER, FEC FIRE EXTINGUISHER CABINET, FHC FIRE HOSE CABINET, FHR FIRE HOSE RACK, FR FIRE RESISTANT (RATED), FRR FIREPROOF, FXT FIXTURE, FLG FLASHING, FLEX FLEXIBLE, FL FLOOR, FLD, FD FLOOR DRAIN, FLUOR FLUORESCENT, FSE FOOD SERVICE EQUIPMENT, FTG FOOTING, FDN FOUNDATION, FS FULL SIZE, FURN FURNISH, FBO FURNISHED BY OWNER, FURG FURRING, GA GAGE, GALV GALVANIZED, GALV STL GALVANIZED STEEL, GC GENERAL CONTRACTOR, GEN GENERATOR, GL GLASS, GOVT GOVERNMENT, GFE GOVERNMENT FURNISHED EQUIPMENT, GB GRAB BAR, GR GRADE, GRL GRILLE, GND GROUND, GT GROUT, GYP GYPSUM, GWB GYPSUM WALLBOARD, R RADIUS, RPT RECEPTACLE, REC RECESSED, RECT RECTANGULAR, REF REFERENCE, REF REFLECTED CEILING PLAN, REFR REFRIG, REIN REINFORCING, REM REMOVABLE, RMV REMOVED, REQ REQUIRED, REOT REQUIREMENT, RF RESILIENT FLOOR, RA RETURN AIR, REV REVISION / REVISED, RT RIGHT, RH RIGHT HAND, RI RIGID INSULATION, R RISER, RADIUS, RD ROOF DRAIN, RM ROOM, RO ROUGH OPENING, RND ROUND, RSR RUBBER STRIP, RUB RUBBER TILE OR ROLL FLOORING, SWL SANITARY WASTE LEADER, SCHED SCHEDULE, SJ SCORED JOINT, SLNT SEALANT, S CONC SEALED CONCRETE, SLR SEALER, S VCB SEAMLESS VINYL COVE BASE, SECT SECTION, SERV SK SERVICE SINK, SHT SHEET, SV SHEET VINYL, SVC SHEET VINYL COVE, SH SHELF, SH SHOWER, SHW SIMILAR, SLD SLIDING GLASS DOOR, SC SOLID CORE, SND SOUND, SAB SOUND ATTENUATION BLANKET, SI SOUND BATT INSULATION, STC SOUND TRANSMISSION CLASS, S SOUTH, SE SOUTHEAST, SW SW, SP SPACES, SPC SPECIAL COATING, SPC SPECIAL FINISH, SPEC SPECIFICATIONS, SSB SPLIT ASH BLOCK, SQ SQUARE, SF SQUARE FEET, SQ IN SQUARE INCHES, STAG STAGGERED, ST STAINED, STBK STAINED BLOCK, SST, SS STAINLESS STEEL, STD STANDARD, STL STEEL, STOR STORAGE, STRUCT STRUCTURAL, SUSP SUSPENDED, SACT SUSPENDED ACOUSTICAL, SACT CEILING TILE, STN CONC STAINED CONCRETE, SYS SYSTEM, TKBD TACKBOARD, TECH TECHNICAL, TEL TELEPHONE, TV TELEVISION, TEMP TEMPERATURE or TEMPERED, TEMP TEMPORARY, TEX TEXTURES, TH THICK, THRU THROUGH, TWF THROUGH-WALL FLASHING, TLT TOILET, TA TOILET ACCESSORIES, TP TOILET PARTITION, T TOP, T & B TOP AND BOTTOM, TC TOP CHORD, T.O. TOP OF, TOC TOP OF CONCRETE, TOF TOP OF FOOTING, TOS TOP OF STEEL, TOW TOP OF WALL, T TREAD, TYP TYPICAL, UC UNDERCUT, UL UNDERWRITERS LABORATORY, UG UNDERGROUND, UNEX UNEXCAVATED, UNFN UNFINISHED, UN UNLESS OTHERWISE NOTED, UR URINAL, VAN VANITY, VB VAPOR BARRIER, VPT VENEERED PLASTER (SMOOTH), VPT VENEERED PLASTER (TEXTURED), VTR VENT THRU ROOF, VENT VENTILATING, VERT VERTICAL, VEST VESTIBULE, V VINYL, VCT VINYL COMPOSITION TILE, VCV VINYL COVE, VSWB VINYL COVERED GYPSUM WALLBOARD, VRB VENTED RUBBER BASE, VS VINYL STRAIGHT, VT VINYL TILE, VWC VINYL WALL COVERING, WSCOT WAINSCOT, WSH WASHER, WTR WATER CLOSET, WTR WATERPROOFING, WH WALL HYDRANT, WT WALL THICKNESS, WSP WEATHERSTRIP, WIF WELDED WIRE FABRIC, W WEST, WIN WINDOW, WM WIRE MESH, WI WITH, WTD WITHOUT, WOOD WOOD, WDRL ATHLETIC WOOD FLOORING, YD YARD

NOTE: THIS LIST MAY NOT BE ALL INCLUSIVE.

BRPH 12/16/21 12:16 PM, Emory South Building, 11 Eagle Row, Atlanta, GA 30322, 12/16/21 12:16 PM



NOT FOR CONSTRUCTION

DOCUMENT HISTORY

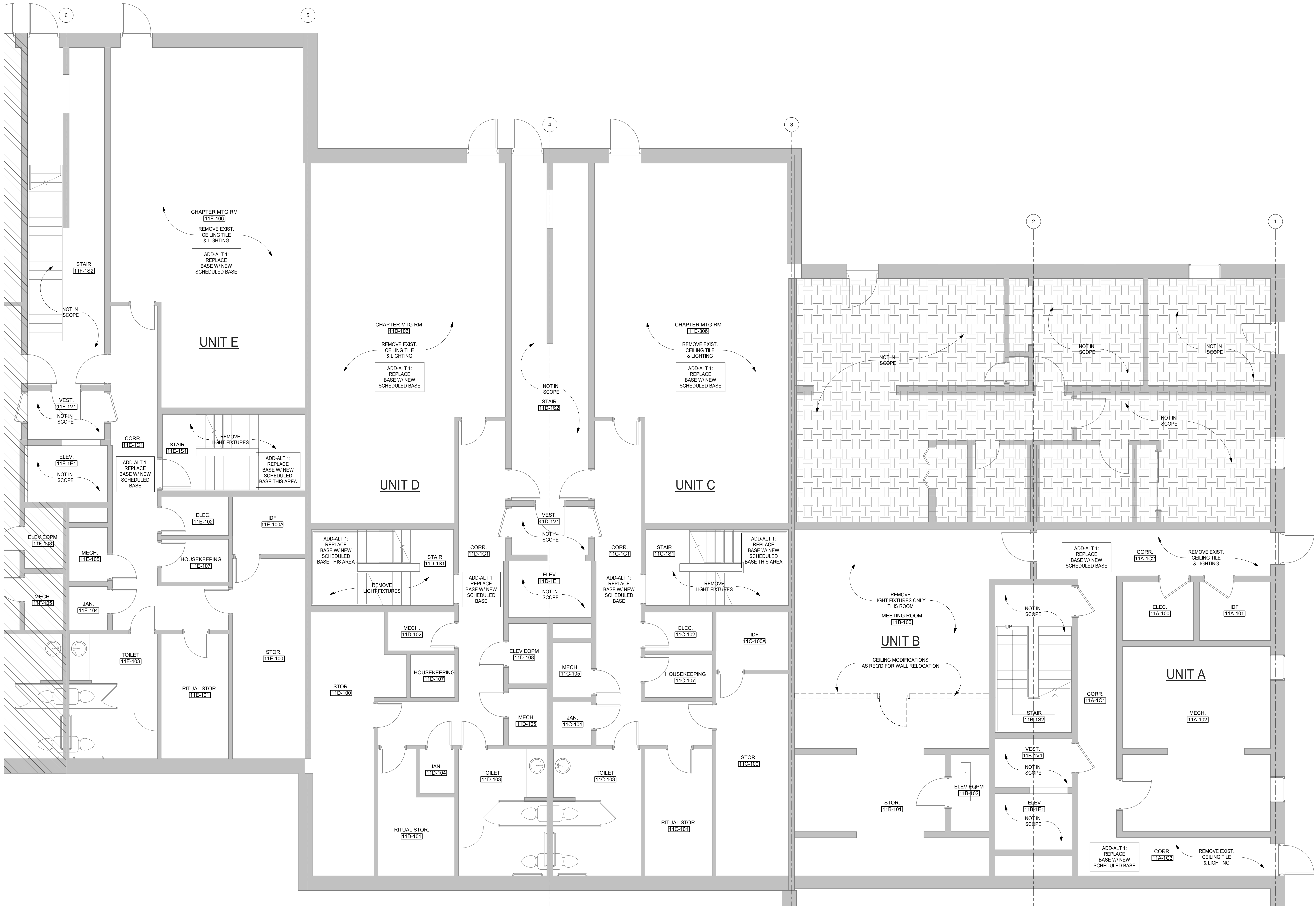
NO.	DATE	DESCRIPTION

ARCHITECT OF RECORD

DESIGNED BY
SKO
DRAWN BY
SKO
PROJECT NUMBER
C08792.001
DATE
12/16/21

TITLE
FIRST FLOOR DEMO. PLANS - UNITS A-E

DRAWING NO.
AD-101-2



RENOVATION LEGEND

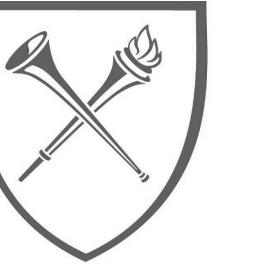
- TO BE DEMOLISHED
- EXISTING TO REMAIN
- NEW CONSTRUCTION
- NOT IN SCOPE / PREVIOUS PHASE

DEMOLITION NOTES:

- 1) G.C. TO PROTECT EXISTING FLOORS AND WALL BASE TO REMAIN.
- 2) PATCH OR REPLACE ANY DAMAGED GYPSUM AT WALLS AS REQUIRED.
- 3) EXISTING GWB CEILING TO REMAIN, PATCH AND REPAIR AS REQUIRED AFTER EQUIPMENT AND FIXTURES ARE INSTALLED.
- 4) ALL EXISTING LIGHT FIXTURES TO BE REMOVED. AT G.W.B. CEILINGS - CAREFULLY REMOVE LIGHT FIXTURES. REPLACE LIGHTING FIXTURES PER THE ELECTRICAL DOCUMENTS.
- 5) ALL ACOUSTIC CEILING TILES TO BE REPLACED - MATCH EXISTING STYLE.
- 6) G.C. TO BUDGET FOR REPLACING 10% OF ACT GRID / AS REQUIRED.

Demolition Plans Level 1 - Units E, D, C, B & A

1/4" = 1'-0"



SORORITY RENO. LODGES A-E PHASE 2 11 Eagle Row, Atlanta, GA 30322

NOT FOR CONSTRUCTION

DOCUMENT HISTORY

Table with columns for revision number, description, and date.

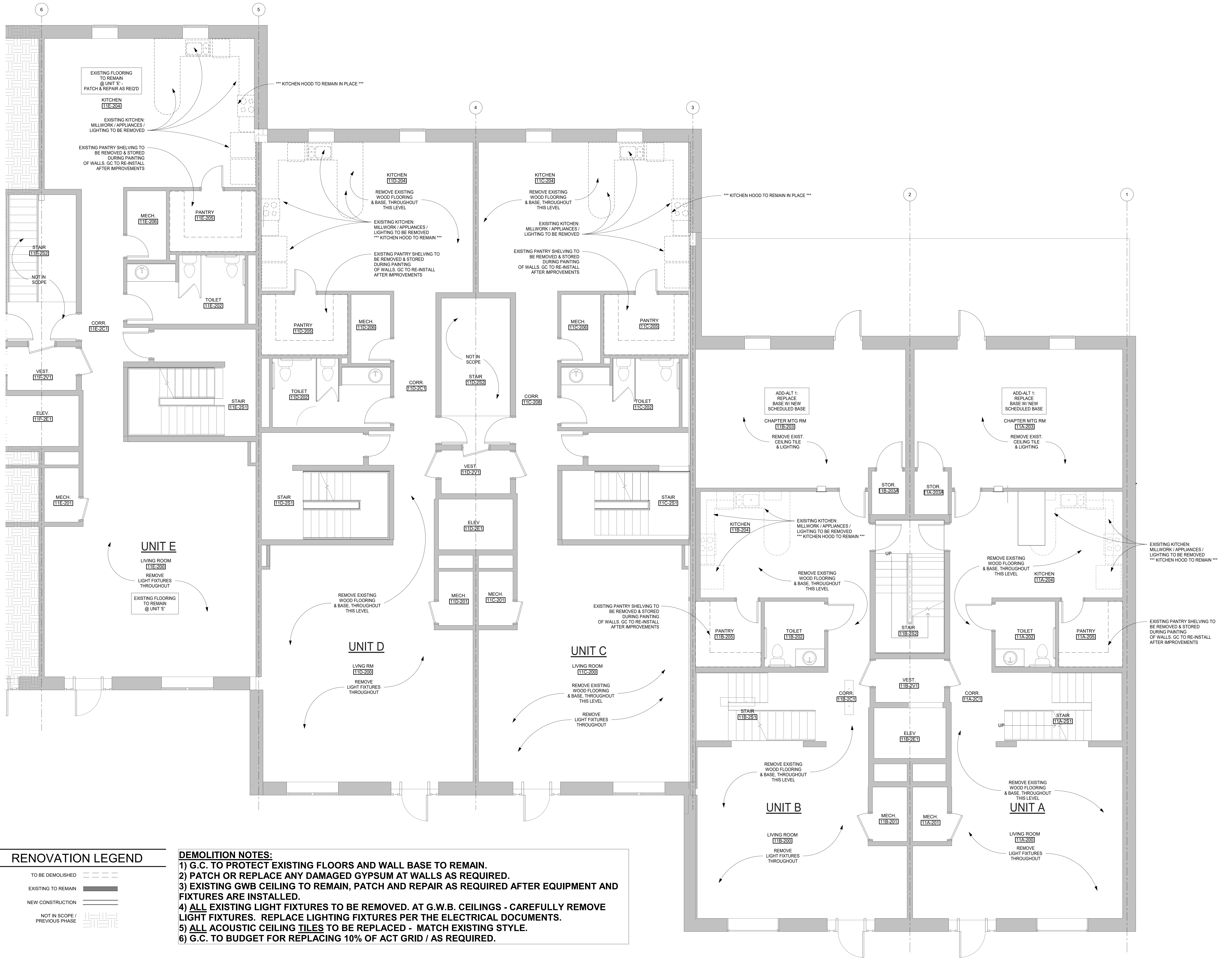
ARCHITECT OF RECORD

DESIGNED BY SKO DRAWN BY SKO PROJECT NUMBER C08792.001 DATE 12/16/21

TITLE SECOND FLOOR DEMO. PLANS - UNITS A-E

DRAWING NO.

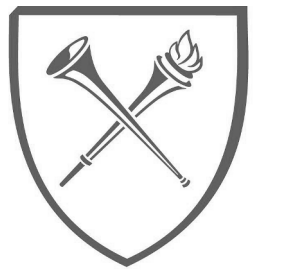
AD-102-2



RENOVATION LEGEND
TO BE DEMOLISHED - Dashed line
EXISTING TO REMAIN - Solid line
NEW CONSTRUCTION - Thick solid line
NOT IN SCOPE / PREVIOUS PHASE - Dotted line

DEMOLITION NOTES:
1) G.C. TO PROTECT EXISTING FLOORS AND WALL BASE TO REMAIN.
2) PATCH OR REPLACE ANY DAMAGED GYPSUM AT WALLS AS REQUIRED.
3) EXISTING GWB CEILING TO REMAIN, PATCH AND REPAIR AS REQUIRED AFTER EQUIPMENT AND FIXTURES ARE INSTALLED.
4) ALL EXISTING LIGHT FIXTURES TO BE REMOVED. AT G.W.B. CEILINGS - CAREFULLY REMOVE LIGHT FIXTURES. REPLACE LIGHTING FIXTURES PER THE ELECTRICAL DOCUMENTS.
5) ALL ACOUSTIC CEILING TILES TO BE REPLACED - MATCH EXISTING STYLE.
6) G.C. TO BUDGET FOR REPLACING 10% OF ACT GRID / AS REQUIRED.

FILED IN: 20210215.DWG - Emory Sorority Lodging Renovation C08792.001 - 2 - 021 - 12/16/21



NOT FOR CONSTRUCTION

DOCUMENT HISTORY

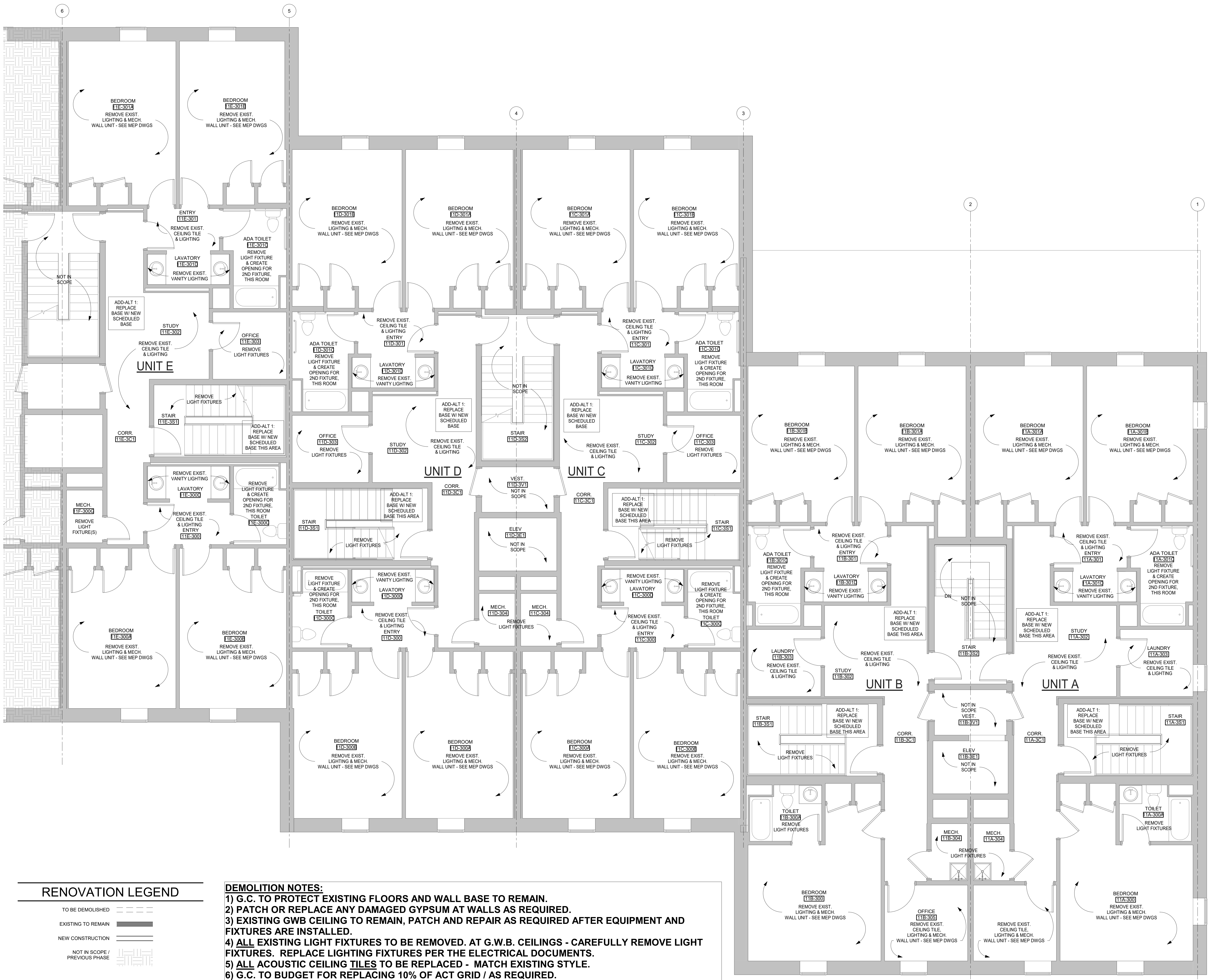
NO.	DATE	DESCRIPTION

ARCHITECT OF RECORD

DESIGNED BY
SKO
DRAWN BY
SKO
PROJECT NUMBER
C08792.001
DATE
12/16/21

TITLE
THIRD FLOOR
DEMO.PLANS -
UNITS A-E

DRAWING NO.
AD-103-2



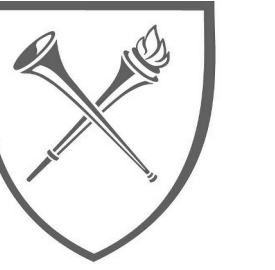
RENOVATION LEGEND

- TO BE DEMOLISHED
- EXISTING TO REMAIN
- NEW CONSTRUCTION
- NOT IN SCOPE / PREVIOUS PHASE

- DEMOLITION NOTES:**
- 1) G.C. TO PROTECT EXISTING FLOORS AND WALL BASE TO REMAIN.
 - 2) PATCH OR REPLACE ANY DAMAGED GYPSUM AT WALLS AS REQUIRED.
 - 3) EXISTING GWB CEILING TO REMAIN, PATCH AND REPAIR AS REQUIRED AFTER EQUIPMENT AND FIXTURES ARE INSTALLED.
 - 4) ALL EXISTING LIGHT FIXTURES TO BE REMOVED. AT G.W.B. CEILINGS - CAREFULLY REMOVE LIGHT FIXTURES. REPLACE LIGHTING FIXTURES PER THE ELECTRICAL DOCUMENTS.
 - 5) ALL ACOUSTIC CEILING TILES TO BE REPLACED - MATCH EXISTING STYLE.
 - 6) G.C. TO BUDGET FOR REPLACING 10% OF ACT GRID / AS REQUIRED.

Demolition Plans Level 3 - Units A-E
1/4" = 1'-0"

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 Rev: 01/16/2021 3:17:57 PM
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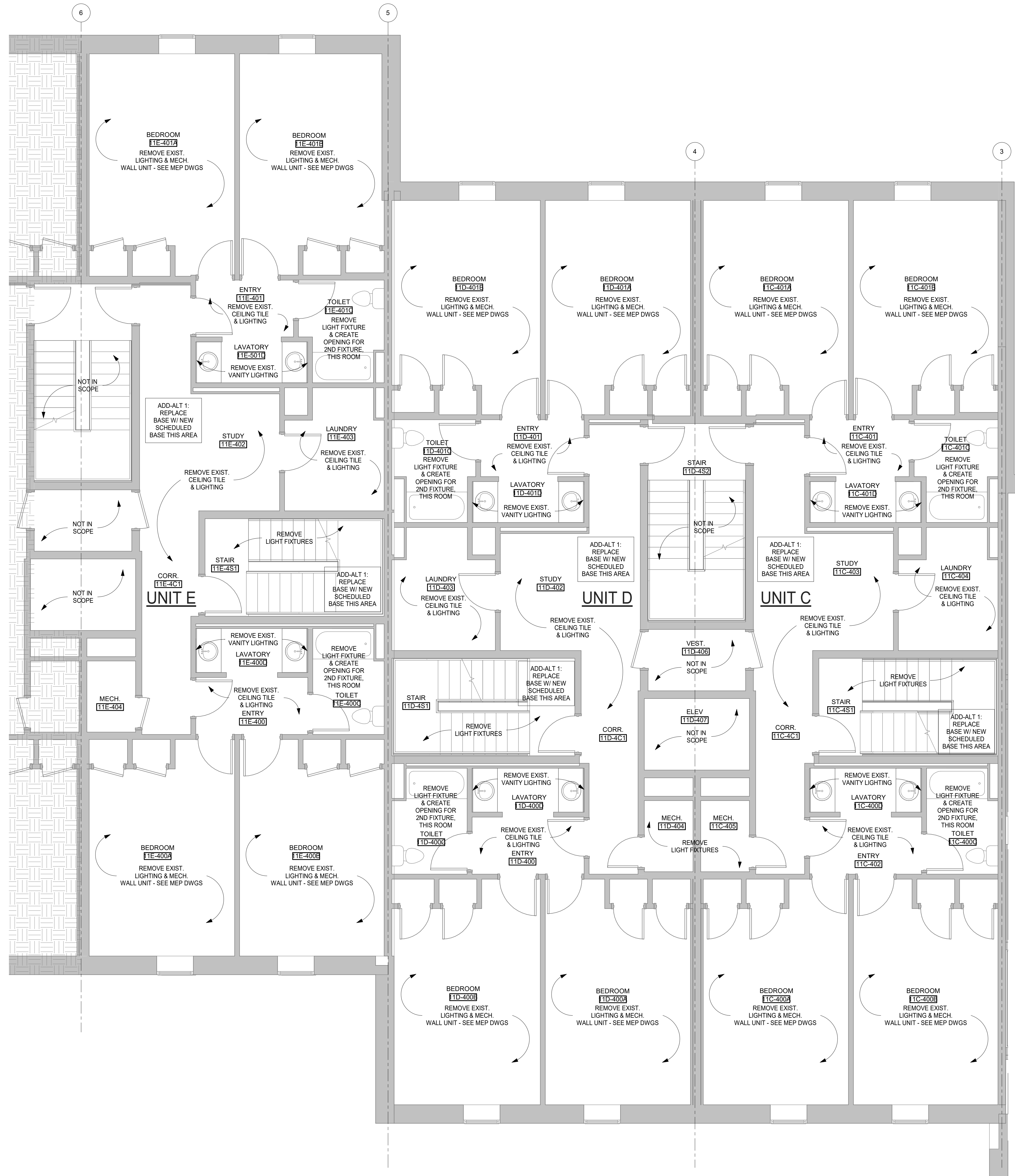


NOT FOR CONSTRUCTION

DOCUMENT HISTORY

ARCHENOR OF RECORD

DESIGNED BY SKO DRAWN BY SKO PROJECT NUMBER C08792.001 DATE 12/16/21 TITLE FOURTH FLOOR DEMO. PLANS - UNITS C-E DRAWING NO. AD-104-2



RENOVATION LEGEND

- TO BE DEMOLISHED
- EXISTING TO REMAIN
- NEW CONSTRUCTION
- NOT IN SCOPE / PREVIOUS PHASE

DEMOLITION NOTES:

- 1) G.C. TO PROTECT EXISTING FLOORS AND WALL BASE TO REMAIN.
- 2) PATCH OR REPLACE ANY DAMAGED GYPSUM AT WALLS AS REQUIRED.
- 3) EXISTING GWB CEILING TO REMAIN, PATCH AND REPAIR AS REQUIRED AFTER EQUIPMENT AND FIXTURES ARE INSTALLED.
- 4) ALL EXISTING LIGHT FIXTURES TO BE REMOVED. AT G.W.B. CEILINGS - CAREFULLY REMOVE LIGHT FIXTURES. REPLACE LIGHTING FIXTURES PER THE ELECTRICAL DOCUMENTS.
- 5) ALL ACOUSTIC CEILING TILES TO BE REPLACED - MATCH EXISTING STYLE.
- 6) G.C. TO BUDGET FOR REPLACING 10% OF ACT GRID / AS REQUIRED.

Demolition Plans Level 4 - Units E, D & C 1/4" = 1'-0"



NOT FOR CONSTRUCTION

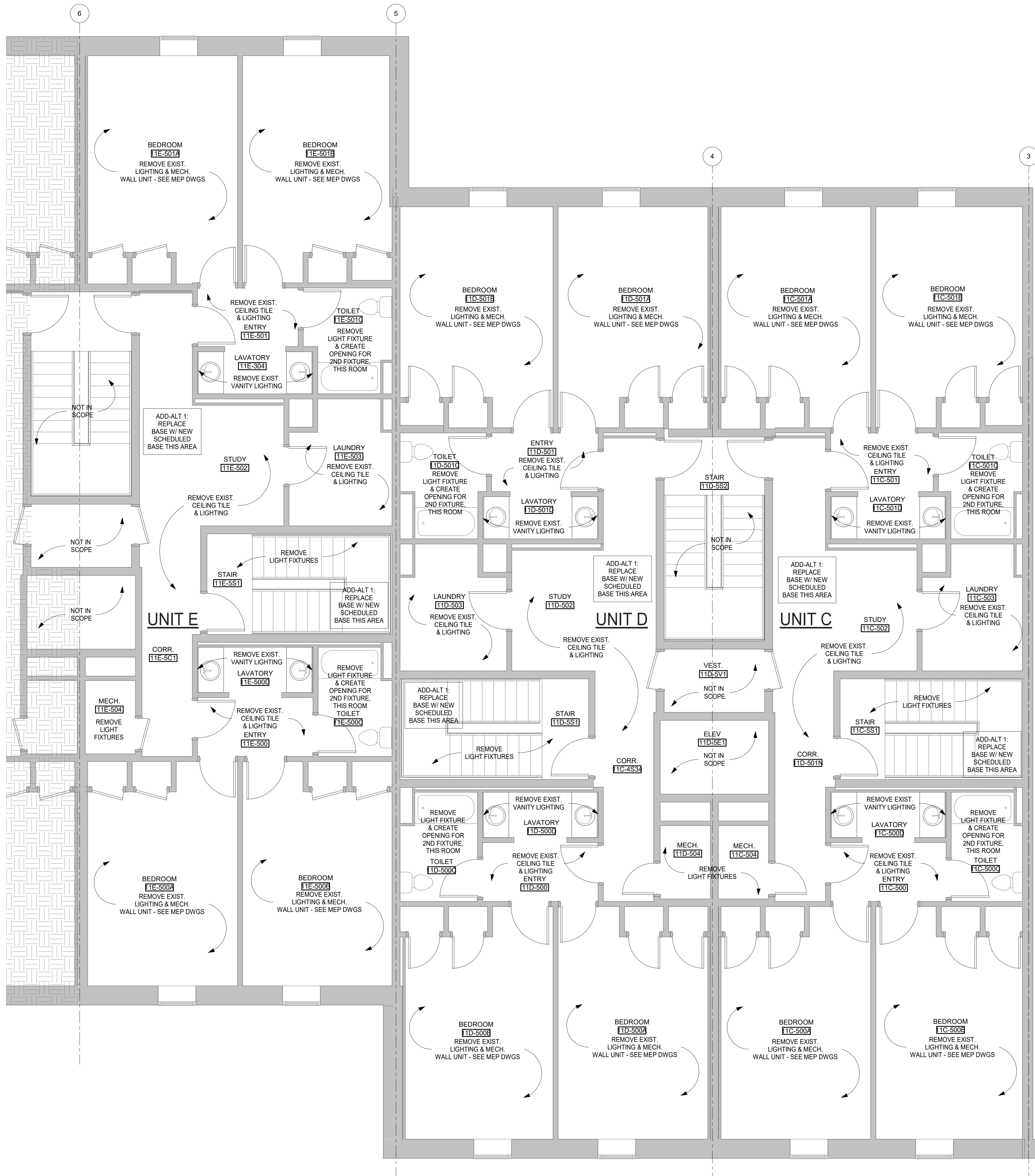
DOCUMENT HISTORY

ARCHNOGR OF RECORD

DESIGNED BY SKO DRAWN BY SKO PROJECT NUMBER C08792.001 DATE 12/16/21

FIFTH FLOOR DEMO. PLANS - UNITS C-E

DRAWING NO. AD-105-2



RENOVATION LEGEND

- TO BE DEMOLISHED
- EXISTING TO REMAIN
- NEW CONSTRUCTION
- NOT IN SCOPE / PREVIOUS PHASE

DEMOLITION NOTES:

- 1) G.C. TO PROTECT EXISTING FLOORS AND WALL BASE TO REMAIN.
- 2) PATCH OR REPLACE ANY DAMAGED GYPSUM AT WALLS AS REQUIRED.
- 3) EXISTING GWB CEILING TO REMAIN, PATCH AND REPAIR AS REQUIRED AFTER EQUIPMENT AND FIXTURES ARE INSTALLED.
- 4) ALL EXISTING LIGHT FIXTURES TO BE REMOVED. AT G.W.B. CEILINGS - CAREFULLY REMOVE LIGHT FIXTURES. REPLACE LIGHTING FIXTURES PER THE ELECTRICAL DOCUMENTS.
- 5) ALL ACOUSTIC CEILING TILES TO BE REPLACED - MATCH EXISTING STYLE.
- 6) G.C. TO BUDGET FOR REPLACING 10% OF ACT GRID / AS REQUIRED.

1 Demolition Plans Level 5 - Units E, D & C 1/4" = 1'-0"



LIFE SAFETY ANALYSIS - UNIT 'C'

OCCUPANCY USE: SORORITY OCCUPANCY TYPE: R-2 (RESIDENTIAL) PER IBC SECTION 309.1

TYPE OF CONSTRUCTION CONSTRUCTION TYPE I-B (EXISTING) PER IBC SECTION 601

FIRE PROTECTION SYSTEMS BUILDING IS FULLY SPRINKLERED (EXISTING)

BUILDING DESIGN (EXISTING): LOAD BEARING CMU WALLS WITH PRESTRESSED HOLLOW CORE CONCRETE PLANKS FOR FLOOR AND ROOF.

FIRE PROTECTION REQUIREMENTS (EXISTING): VERTICAL PENETRATIONS - 4 STORY HIGH - 2 HOUR CONSTRUCTION VERTICAL PENETRATIONS - 4 STORY HIGH OR LESS - 1 HOUR CONSTRUCTION MECHANICAL ROOM - 1 HOUR CONSTRUCTION

NOTE: ANY PENETRATIONS IN THE RATED WALLS SHALL BE PROTECTED PER U.L. DESIGN SYSTEM NUMBER W-L 2098 (OR APPROVED EQUAL) TO MAINTAIN THE EXISTING ASSEMBLY RATING

Table with 3 columns: TABLE 500, ALLOWABLE, ACTUAL. Rows include MAXIMUM BUILDING HEIGHT (160/54), MAXIMUM # OF STORIES (11/5), MAXIMUM FLOOR AREA (UNLIMITED/8,993 SF), MAXIMUM TRAVEL DISTANCE TO EXIT (300'/61'), MAXIMUM COMMON TRAVEL DISTANCE (100'/10'), MAXIMUM DEAD END LIMIT (50'/17').

EGRESS WIDTH REQUIRED @ EACH UNIT: (LEVEL 1) 107 OCCUPANTS x 20' PER OCCUPANT = 214' OR 32" MINIMUM (LEVEL 2) 118 OCCUPANTS x 20' PER OCCUPANT = 2316' OR 32" MINIMUM (LEVEL 3, 4, 5) 8 OCCUPANTS x 20' PER OCCUPANT = 16' OR 32" MINIMUM

EGRESS WIDTH PROVIDED @ STAIR: EXIT (STAIR S1) AT 42" & (STAIR S2) AT 41" = 83 INCHES (EXISTING)

MINIMUM CORRIDOR/AISLE WIDTH PROVIDED: 50"

Occupancy Calculations - Townhouse Unit C. Table with 7 columns: Room Number, Room Name, Occupancy, Area, Occupancy Factor, No. of Occupants, Townhouse. Lists rooms from 11C-100 to 11C-504 with their respective details.

LIFE SAFETY ANALYSIS - UNIT 'D'

OCCUPANCY USE: SORORITY OCCUPANCY TYPE: R-2 (RESIDENTIAL) PER IBC SECTION 309.1

TYPE OF CONSTRUCTION CONSTRUCTION TYPE I-B (EXISTING) PER IBC SECTION 601

FIRE PROTECTION SYSTEMS BUILDING IS FULLY SPRINKLERED (EXISTING)

BUILDING DESIGN (EXISTING): LOAD BEARING CMU WALLS WITH PRESTRESSED HOLLOW CORE CONCRETE PLANKS FOR FLOOR AND ROOF.

FIRE PROTECTION REQUIREMENTS (EXISTING): VERTICAL PENETRATIONS - 4 STORY HIGH - 2 HOUR CONSTRUCTION VERTICAL PENETRATIONS - 4 STORY HIGH OR LESS - 1 HOUR CONSTRUCTION MECHANICAL ROOM - 1 HOUR CONSTRUCTION

NOTE: ANY PENETRATIONS IN THE RATED WALLS SHALL BE PROTECTED PER U.L. DESIGN SYSTEM NUMBER W-L 2098 (OR APPROVED EQUAL) TO MAINTAIN THE EXISTING ASSEMBLY RATING

Table with 3 columns: TABLE 500, ALLOWABLE, ACTUAL. Rows include MAXIMUM BUILDING HEIGHT (160/54), MAXIMUM # OF STORIES (11/5), MAXIMUM FLOOR AREA (UNLIMITED/8,993 SF), MAXIMUM TRAVEL DISTANCE TO EXIT (300'/61'), MAXIMUM COMMON TRAVEL DISTANCE (100'/10'), MAXIMUM DEAD END LIMIT (50'/17').

EGRESS WIDTH REQUIRED @ EACH UNIT: (LEVEL 1) 98 OCCUPANTS x 20' PER OCCUPANT = 196' OR 32" MINIMUM (LEVEL 2) 118 OCCUPANTS x 20' PER OCCUPANT = 2316' OR 32" MINIMUM (LEVEL 3, 4, 5) 8 OCCUPANTS x 20' PER OCCUPANT = 16' OR 32" MINIMUM

EGRESS WIDTH PROVIDED @ STAIR: EXIT (STAIR S1) AT 42" & (STAIR S2) AT 41" = 83 INCHES (EXISTING)

MINIMUM CORRIDOR/AISLE WIDTH PROVIDED: 50"

Occupancy Calculations - Townhouse Unit D. Table with 7 columns: Room Number, Room Name, Occupancy, Area, Occupancy Factor, No. of Occupants, Townhouse. Lists rooms from 11D-100 to 11D-504 with their respective details.

LIFE SAFETY ANALYSIS - UNIT 'B'

OCCUPANCY USE: SORORITY OCCUPANCY TYPE: R-2 (RESIDENTIAL) PER IBC SECTION 309.1

TYPE OF CONSTRUCTION CONSTRUCTION TYPE I-B (EXISTING) PER IBC SECTION 601

FIRE PROTECTION SYSTEMS BUILDING IS FULLY SPRINKLERED (EXISTING)

BUILDING DESIGN (EXISTING): LOAD BEARING CMU WALLS WITH PRESTRESSED HOLLOW CORE CONCRETE PLANKS FOR FLOOR AND ROOF.

FIRE PROTECTION REQUIREMENTS (EXISTING): VERTICAL PENETRATIONS - 4 STORY HIGH - 2 HOUR CONSTRUCTION VERTICAL PENETRATIONS - 4 STORY HIGH OR LESS - 1 HOUR CONSTRUCTION MECHANICAL ROOM - 1 HOUR CONSTRUCTION

NOTE: ANY PENETRATIONS IN THE RATED WALLS SHALL BE PROTECTED PER U.L. DESIGN SYSTEM NUMBER W-L 2098 (OR APPROVED EQUAL) TO MAINTAIN THE EXISTING ASSEMBLY RATING

Table with 3 columns: TABLE 500, ALLOWABLE, ACTUAL. Rows include MAXIMUM BUILDING HEIGHT (160/35), MAXIMUM # OF STORIES (11/3), MAXIMUM FLOOR AREA (UNLIMITED/4,071 SF), MAXIMUM TRAVEL DISTANCE TO EXIT (300'/59'), MAXIMUM COMMON TRAVEL DISTANCE (100'/10'), MAXIMUM DEAD END LIMIT (50'/13').

EGRESS WIDTH REQUIRED @ EACH UNIT: (LEVEL 1) 25 OCCUPANTS x 20' PER OCCUPANT = 5' OR 32" MINIMUM (LEVEL 2) 133 OCCUPANTS x 20' PER OCCUPANT = 266' OR 32" MINIMUM (LEVEL 3) 15 OCCUPANTS x 20' PER OCCUPANT = 3' OR 32" MINIMUM

EGRESS WIDTH PROVIDED @ STAIR: EXIT (STAIR S1) AT 42" & (STAIR S2) AT 41" = 83 INCHES (EXISTING)

MINIMUM CORRIDOR/AISLE WIDTH PROVIDED: 48"

Occupancy Calculations - Townhouse Unit B. Table with 7 columns: Room Number, Room Name, Occupancy, Area, Occupancy Factor, No. of Occupants, Townhouse. Lists rooms from 11B-100 to 11B-305 with their respective details.

LIFE SAFETY ANALYSIS - UNIT 'A'

OCCUPANCY USE: SORORITY OCCUPANCY TYPE: R-2 (RESIDENTIAL) PER IBC SECTION 309.1

TYPE OF CONSTRUCTION CONSTRUCTION TYPE I-B (EXISTING) PER IBC SECTION 601

FIRE PROTECTION SYSTEMS BUILDING IS FULLY SPRINKLERED (EXISTING)

BUILDING DESIGN (EXISTING): LOAD BEARING CMU WALLS WITH PRESTRESSED HOLLOW CORE CONCRETE PLANKS FOR FLOOR AND ROOF.

FIRE PROTECTION REQUIREMENTS (EXISTING): VERTICAL PENETRATIONS - 4 STORY HIGH - 2 HOUR CONSTRUCTION VERTICAL PENETRATIONS - 4 STORY HIGH OR LESS - 1 HOUR CONSTRUCTION MECHANICAL ROOM - 1 HOUR CONSTRUCTION

NOTE: ANY PENETRATIONS IN THE RATED WALLS SHALL BE PROTECTED PER U.L. DESIGN SYSTEM NUMBER W-L 2098 (OR APPROVED EQUAL) TO MAINTAIN THE EXISTING ASSEMBLY RATING

Table with 3 columns: TABLE 500, ALLOWABLE, ACTUAL. Rows include MAXIMUM BUILDING HEIGHT (160/35), MAXIMUM # OF STORIES (11/3), MAXIMUM FLOOR AREA (UNLIMITED/4,115 SF), MAXIMUM TRAVEL DISTANCE TO EXIT (300'/59'), MAXIMUM COMMON TRAVEL DISTANCE (100'/10'), MAXIMUM DEAD END LIMIT (50'/13').

EGRESS WIDTH REQUIRED @ EACH UNIT: (LEVEL 1) 3 OCCUPANTS x 20' PER OCCUPANT = 6' OR 32" MINIMUM (LEVEL 2) 133 OCCUPANTS x 20' PER OCCUPANT = 266' OR 32" MINIMUM (LEVEL 3) 15 OCCUPANTS x 20' PER OCCUPANT = 3' OR 32" MINIMUM

EGRESS WIDTH PROVIDED @ STAIR: EXIT (STAIR S1) AT 42" & (STAIR S2) AT 41" = 83 INCHES (EXISTING)

MINIMUM CORRIDOR/AISLE WIDTH PROVIDED: 48"

Occupancy Calculations - Townhouse Unit A. Table with 7 columns: Room Number, Room Name, Occupancy, Area, Occupancy Factor, No. of Occupants, Townhouse. Lists rooms from 11A-100 to 11A-305 with their respective details.

LIFE SAFETY ANALYSIS - UNIT 'E'

OCCUPANCY USE: SORORITY OCCUPANCY TYPE: R-2 (RESIDENTIAL) PER IBC SECTION 309.1

TYPE OF CONSTRUCTION CONSTRUCTION TYPE I-B (EXISTING) PER IBC SECTION 601

FIRE PROTECTION SYSTEMS BUILDING IS FULLY SPRINKLERED (EXISTING)

BUILDING DESIGN (EXISTING): LOAD BEARING CMU WALLS WITH PRESTRESSED HOLLOW CORE CONCRETE PLANKS FOR FLOOR AND ROOF.

FIRE PROTECTION REQUIREMENTS (EXISTING): VERTICAL PENETRATIONS - 4 STORY HIGH - 2 HOUR CONSTRUCTION VERTICAL PENETRATIONS - 4 STORY HIGH OR LESS - 1 HOUR CONSTRUCTION MECHANICAL ROOM - 1 HOUR CONSTRUCTION

NOTE: ANY PENETRATIONS IN THE RATED WALLS SHALL BE PROTECTED PER U.L. DESIGN SYSTEM NUMBER W-L 2098 (OR APPROVED EQUAL) TO MAINTAIN THE EXISTING ASSEMBLY RATING

Table with 3 columns: TABLE 500, ALLOWABLE, ACTUAL. Rows include MAXIMUM BUILDING HEIGHT (160/54), MAXIMUM # OF STORIES (11/5), MAXIMUM FLOOR AREA (UNLIMITED/8,993 SF), MAXIMUM TRAVEL DISTANCE TO EXIT (300'/61'), MAXIMUM COMMON TRAVEL DISTANCE (100'/10'), MAXIMUM DEAD END LIMIT (50'/17').

EGRESS WIDTH REQUIRED @ EACH UNIT: (LEVEL 1) 98 OCCUPANTS x 20' PER OCCUPANT = 196' OR 32" MINIMUM (LEVEL 2) 118 OCCUPANTS x 20' PER OCCUPANT = 2316' OR 32" MINIMUM (LEVEL 3, 4, 5) 8 OCCUPANTS x 20' PER OCCUPANT = 16' OR 32" MINIMUM

EGRESS WIDTH PROVIDED @ STAIR: EXIT (STAIR S1) AT 42" & (STAIR S2) AT 41" = 83 INCHES (EXISTING)

MINIMUM CORRIDOR/AISLE WIDTH PROVIDED: 50"

Occupancy Calculations - Townhouse Unit E. Table with 7 columns: Room Number, Room Name, Occupancy, Area, Occupancy Factor, No. of Occupants, Townhouse. Lists rooms from 11E-100 to 11E-504 with their respective details.

E

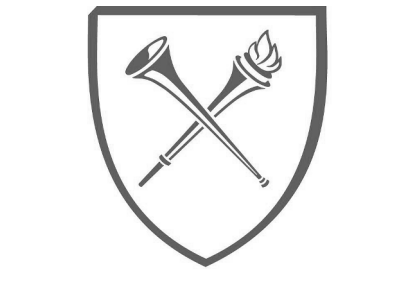
D

C

B

A

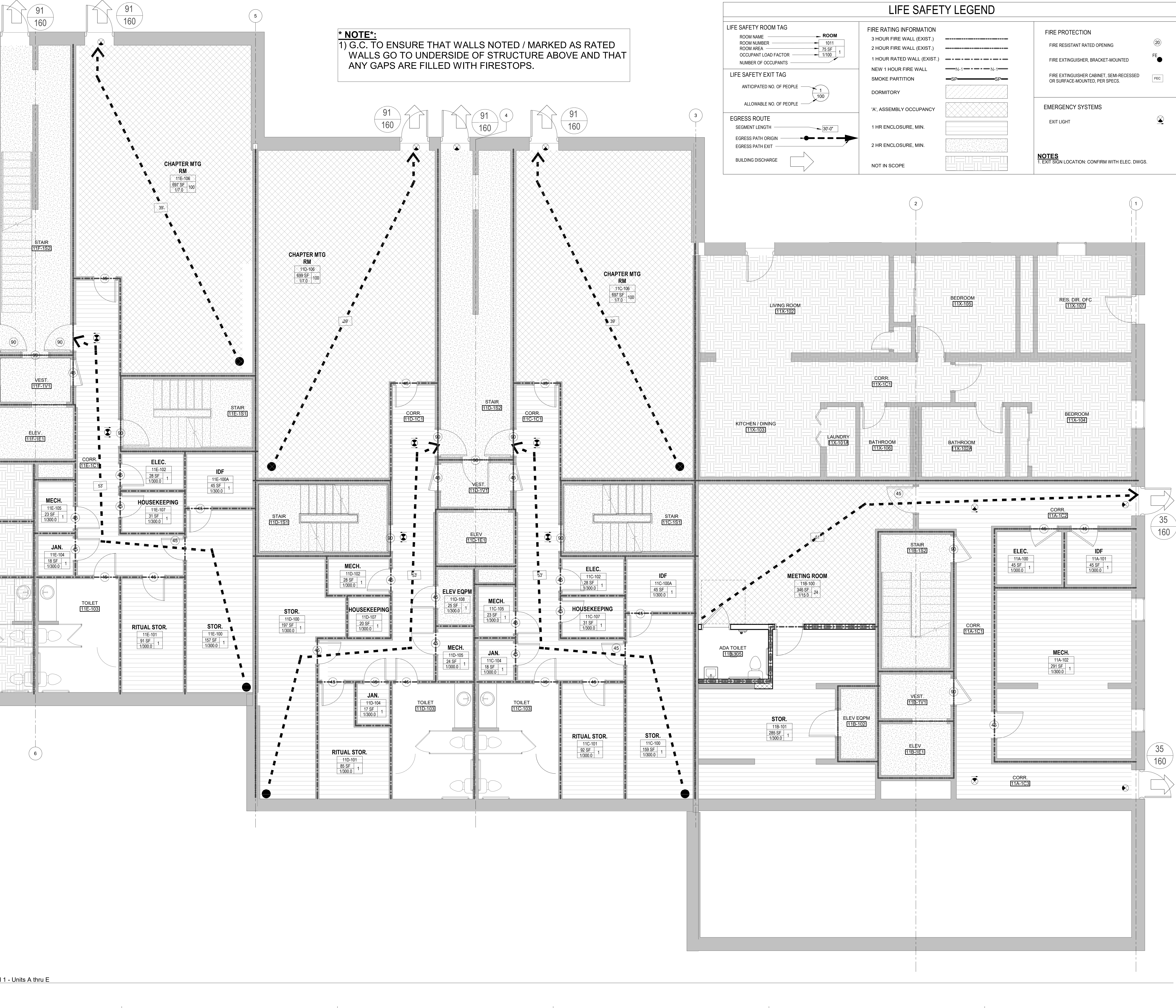
FILED: 12/16/21 11:51 AM BY: SKO FOR: EMORY UNIVERSITY PROJECT: SORORITY RENO. LODGES A-E PHASE 2 11 EAGLE ROW, ATLANTA, GA 30322



*** NOTE*:**
1) G.C. TO ENSURE THAT WALLS NOTED / MARKED AS RATED WALLS GO TO UNDERSIDE OF STRUCTURE ABOVE AND THAT ANY GAPS ARE FILLED WITH FIRESTOPS.

LIFE SAFETY ROOM TAG		FIRE RATING INFORMATION		FIRE PROTECTION	
ROOM NAME	ROOM	3 HOUR FIRE WALL (EXIST.)	---	FIRE RESISTANT RATED OPENING	(20)
ROOM NUMBER	1011	2 HOUR FIRE WALL (EXIST.)	- - - - -	FIRE EXTINGUISHER, BRACKET-MOUNTED	FE ●
ROOM AREA	75 SF	1 HOUR RATED WALL (EXIST.)	- - - - -	FIRE EXTINGUISHER CABINET, SEMI-RECESSED OR SURFACE-MOUNTED, PER SPECS.	FEC
OCCUPANT LOAD FACTOR	1/100	NEW 1 HOUR FIRE WALL	N-1 - - - - - N-1		
NUMBER OF OCCUPANTS	1	SMOKE PARTITION	SP - - - - - SP		
LIFE SAFETY EXIT TAG		DORMITORY	[Pattern]	EMERGENCY SYSTEMS	
ANTICIPATED NO. OF PEOPLE	1	'A', ASSEMBLY OCCUPANCY	[Pattern]	EXIT LIGHT	[Symbol]
ALLOWABLE NO. OF PEOPLE	100	1 HR ENCLOSURE, MIN.	[Pattern]	NOTES	
EGRESS ROUTE		2 HR ENCLOSURE, MIN.	[Pattern]	1. EXIT SIGN LOCATION: CONFIRM WITH ELEC. DWGS.	
SEGMENT LENGTH	30'-0"	NOT IN SCOPE	[Pattern]		
EGRESS PATH ORIGIN	[Symbol]				
EGRESS PATH EXIT	[Symbol]				
BUILDING DISCHARGE	[Symbol]				

A B C D E



1 Life Safety Plans, Level 1 - Units A thru E
1/4" = 1'-0"

1 2 3 4 5 6

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12/16/2021, 3:16:36 PM



NOT FOR CONSTRUCTION

DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

ARCHENGR OF RECORD

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11A-200
SKO
DRAWN BY
SKO
PROJECT NUMBER
C08792.001
DATE
12/16/21

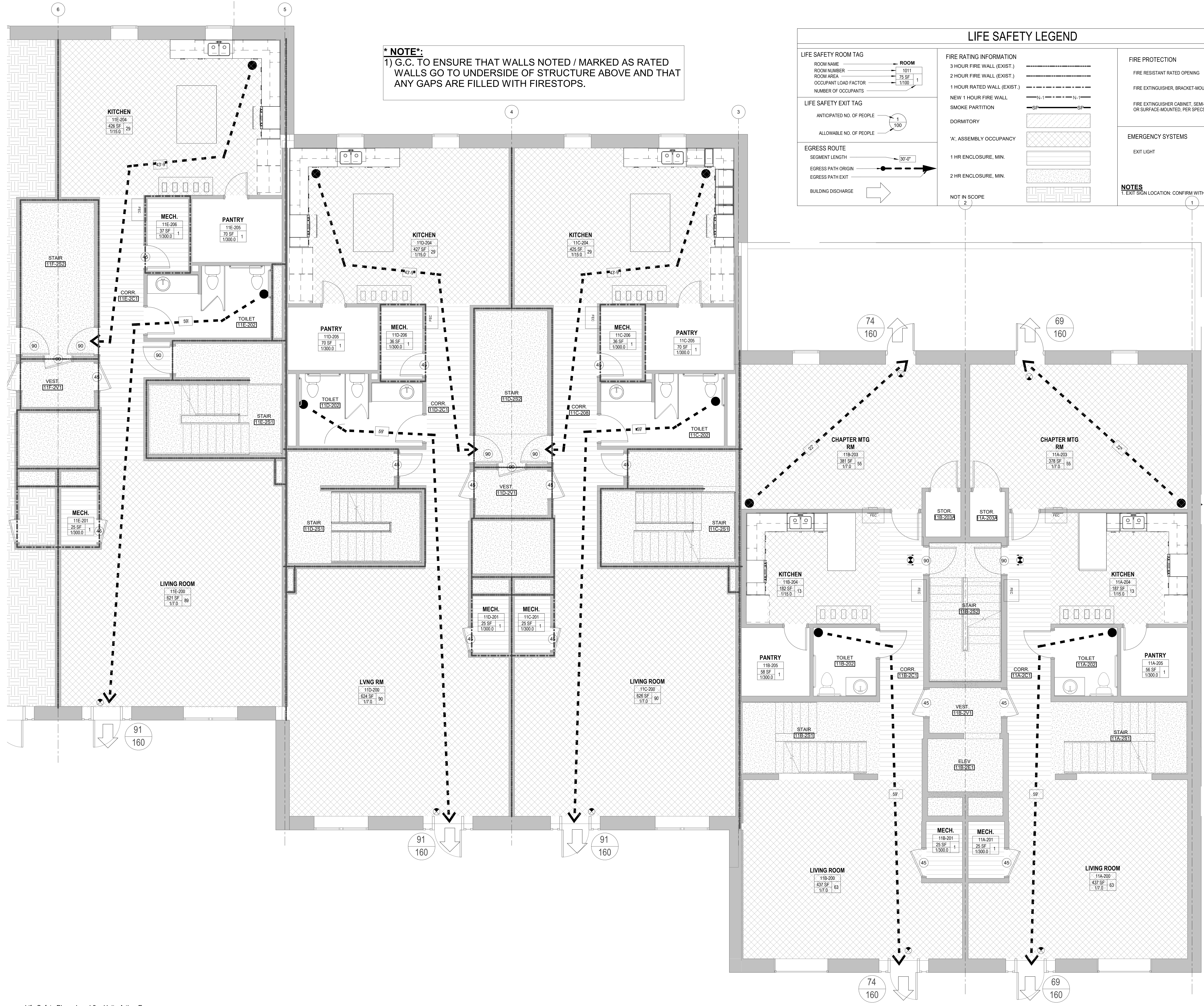
TITLE
SECOND FLOOR LIFE SAFETY PLAN - UNITS A-E

DRAWING NO.
A-012-2

LIFE SAFETY LEGEND

LIFE SAFETY ROOM TAG ROOM NAME — ROOM ROOM NUMBER — 1011 ROOM AREA — 75 SF OCCUPANT LOAD FACTOR — 1/100 NUMBER OF OCCUPANTS — 1		FIRE RATING INFORMATION 3 HOUR FIRE WALL (EXIST.) — — — — — 2 HOUR FIRE WALL (EXIST.) — — — — — 1 HOUR RATED WALL (EXIST.) — — — — — NEW 1 HOUR FIRE WALL — N-1 — N-1 SMOKE PARTITION — SP — SP DORMITORY — 'A', ASSEMBLY OCCUPANCY — 1 HR ENCLOSURE, MIN. — 2 HR ENCLOSURE, MIN. — NOT IN SCOPE —		FIRE PROTECTION FIRE RESISTANT RATED OPENING — (20) FIRE EXTINGUISHER, BRACKET-MOUNTED — FE ● FIRE EXTINGUISHER CABINET, SEMI-RECESSED OR SURFACE-MOUNTED, PER SPECS. — FEC □	
LIFE SAFETY EXIT TAG ANTICIPATED NO. OF PEOPLE — 1 ALLOWABLE NO. OF PEOPLE — 100		EGRESS ROUTE SEGMENT LENGTH — 30'-0" EGRESS PATH ORIGIN — ● EGRESS PATH EXIT — ● BUILDING DISCHARGE — →		EMERGENCY SYSTEMS EXIT LIGHT —	
NOTES 1. EXIT SIGN LOCATION: CONFIRM WITH ELEC. DWGS.					

*** NOTE*:**
1) G.C. TO ENSURE THAT WALLS NOTED / MARKED AS RATED WALLS GO TO UNDERSIDE OF STRUCTURE ABOVE AND THAT ANY GAPS ARE FILLED WITH FIRESTOPS.



1 Life Safety Plans, Level 2 - Units A thru E
1/4" = 1'-0"

Rev: 02/16/21 (1) 11A-200, 11B-200, 11C-200, 11D-200, 11E-200, 11F-200, 11G-200, 11H-200, 11I-200, 11J-200, 11K-200, 11L-200, 11M-200, 11N-200, 11O-200, 11P-200, 11Q-200, 11R-200, 11S-200, 11T-200, 11U-200, 11V-200, 11W-200, 11X-200, 11Y-200, 11Z-200
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DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

ARCHITECT OF RECORD

DESIGNED BY
SKO
DRAWN BY
SKO
PROJECT NUMBER
C08792.001
DATE
12/16/21

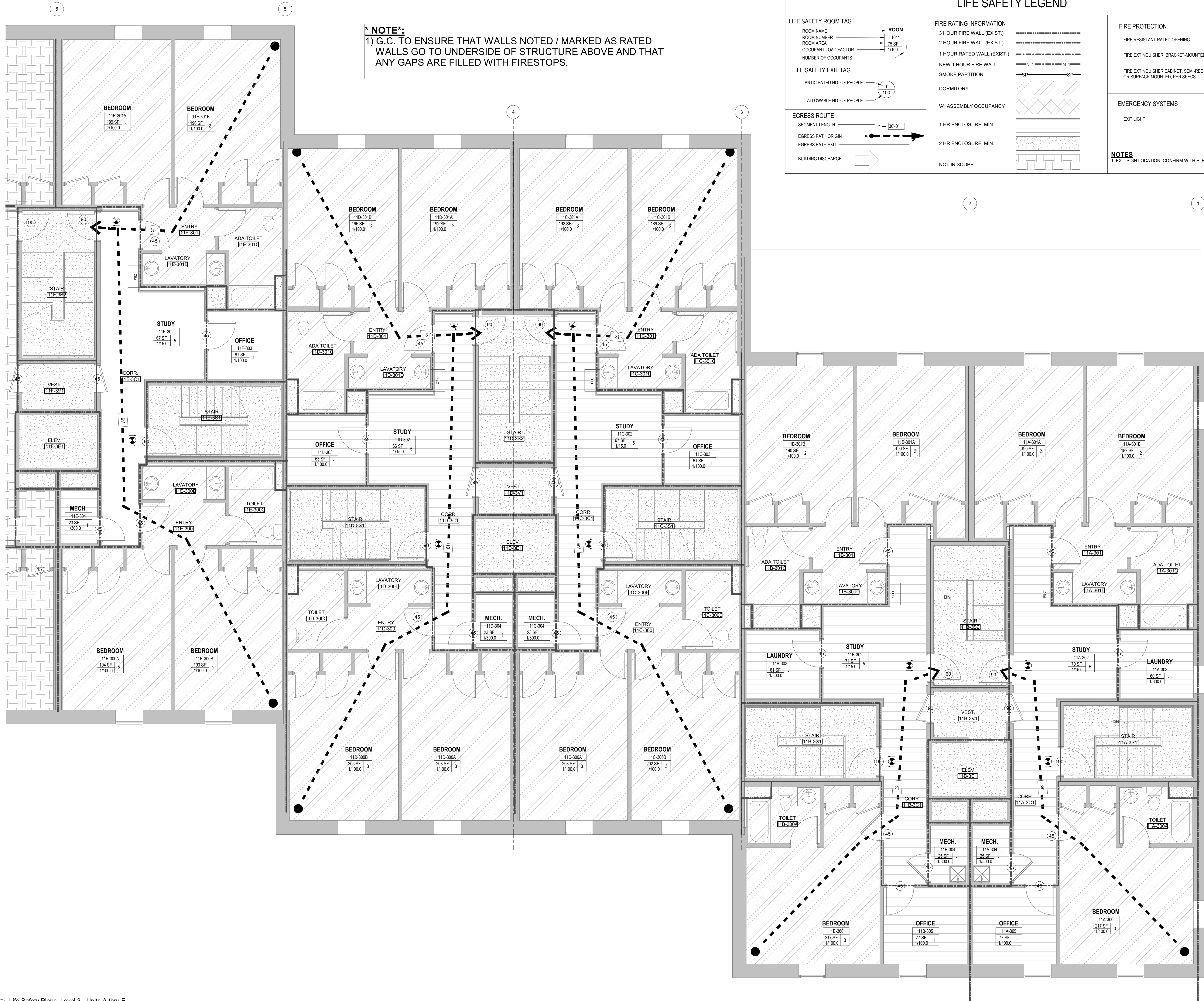
TITLE
THIRD FLOOR
LIFE SAFETY
PLAN - UNITS A-E

DRAWING NO.
A-013-2

LIFE SAFETY LEGEND

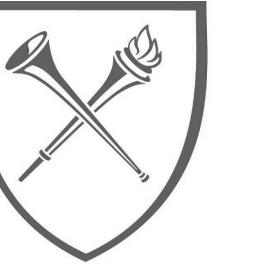
<p>LIFE SAFETY ROOM TAG</p> <p>ROOM NAME: ROOM</p> <p>ROOM NUMBER: ROOM NUMBER</p> <p>ROOM AREA: ROOM AREA</p> <p>OCCUPANT LOAD FACTOR: OCCUPANT LOAD FACTOR</p> <p>NUMBER OF OCCUPANTS: NUMBER OF OCCUPANTS</p>	<p>FIRE RATING INFORMATION</p> <p>3 HOUR FIRE WALL (EXIST.):</p> <p>2 HOUR FIRE WALL (EXIST.):</p> <p>1 HOUR RATED WALL (EXIST.):</p> <p>NEW 1 HOUR FIRE WALL:</p> <p>SMOKE PARTITION:</p> <p>DORMITORY:</p> <p>'A', ASSEMBLY OCCUPANCY:</p> <p>1 HR ENCLOSURE, MIN.:</p> <p>2 HR ENCLOSURE, MIN.:</p> <p>NOT IN SCOPE:</p>	<p>FIRE PROTECTION</p> <p>FIRE RESISTANT RATED OPENING:</p> <p>FIRE EXTINGUISHER, BRACKET-MOUNTED:</p> <p>FIRE EXTINGUISHER CABINET, SEMI-RECESSED OR SURFACE-MOUNTED, PER SPECS.:</p> <p>EMERGENCY SYSTEMS</p> <p>EXIT LIGHT:</p> <p>NOTES</p> <p>1. EXIT SIGN LOCATION: CONFIRM WITH ELEC. DWGS.</p>
<p>LIFE SAFETY EXIT TAG</p> <p>ANTICIPATED NO. OF PEOPLE:</p> <p>ALLOWABLE NO. OF PEOPLE:</p>	<p>EGRESS ROUTE</p> <p>SEGMENT LENGTH:</p> <p>EGRESS PATH ORIGIN:</p> <p>EGRESS PATH EXIT:</p> <p>BUILDING DISCHARGE:</p>	

*** NOTE*:**
1) G.C. TO ENSURE THAT WALLS NOTED / MARKED AS RATED WALLS GO TO UNDERSIDE OF STRUCTURE ABOVE AND THAT ANY GAPS ARE FILLED WITH FIRESTOPS.



1 Life Safety Plans, Level 3 - Units A thru E
1/4" = 1'-0"

BRPH 2021/12/16/21 - Emory Sorority Renovation
Revision: 02/2021 - 01/2021 - 02/2021 - 03/2021 - 04/2021
12/16/2021 3:16:46 PM



NOT FOR
CONSTRUCTION

DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

ARCHITECT OF RECORD

DESIGNED BY
SKO
DRAWN BY
SKO
PROJECT NUMBER
C08792.001
DATE
12/16/21

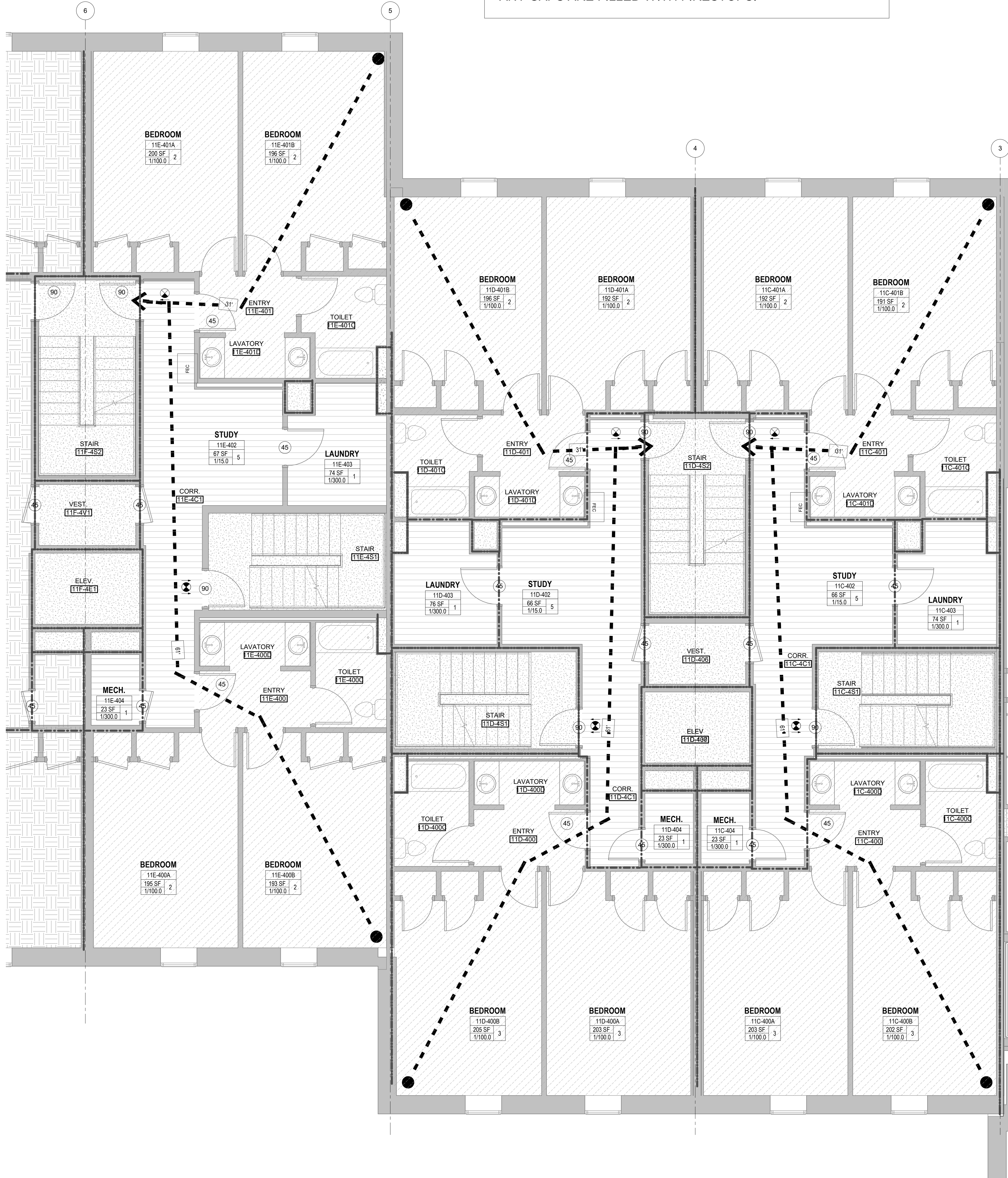
TITLE
FOURTH FLOOR
LIFE SAFETY
PLAN - UNITS C-E

DRAWING NO.
A-014-2

LIFE SAFETY LEGEND

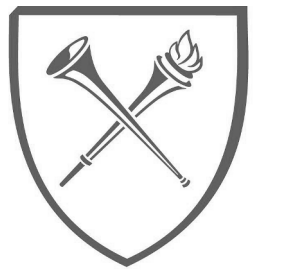
<p>LIFE SAFETY ROOM TAG</p> <p>ROOM NAME: 1011 ROOM NUMBER: 1011 ROOM AREA: 75 SF OCCUPANT LOAD FACTOR: 1/100.0 NUMBER OF OCCUPANTS: 1</p> <p>LIFE SAFETY EXIT TAG</p> <p>ANTICIPATED NO. OF PEOPLE: 100 ALLOWABLE NO. OF PEOPLE: 100</p> <p>EGRESS ROUTE</p> <p>SEGMENT LENGTH: 30'-0"</p> <p>EGRESS PATH ORIGIN</p> <p>EGRESS PATH EXIT</p> <p>BUILDING DISCHARGE</p>	<p>FIRE RATING INFORMATION</p> <p>3 HOUR FIRE WALL (EXIST.)</p> <p>2 HOUR FIRE WALL (EXIST.)</p> <p>1 HOUR RATED WALL (EXIST.)</p> <p>NEW 1 HOUR FIRE WALL</p> <p>SMOKE PARTITION</p> <p>DORMITORY</p> <p>'A', ASSEMBLY OCCUPANCY</p> <p>1 HR ENCLOSURE, MIN.</p> <p>2 HR ENCLOSURE, MIN.</p> <p>NOT IN SCOPE</p>	<p>FIRE PROTECTION</p> <p>FIRE RESISTANT RATED OPENING (20)</p> <p>FIRE EXTINGUISHER, BRACKET-MOUNTED (FE)</p> <p>FIRE EXTINGUISHER CABINET, SEMI-RECESSED OR SURFACE-MOUNTED, PER SPECS. (FEC)</p> <p>EMERGENCY SYSTEMS</p> <p>EXIT LIGHT</p> <p>NOTES</p> <p>1. EXIT SIGN LOCATION: CONFIRM WITH ELEC. DWGS.</p>
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* NOTE*:
1) G.C. TO ENSURE THAT WALLS NOTED / MARKED AS RATED WALLS GO TO UNDERSIDE OF STRUCTURE ABOVE AND THAT ANY GAPS ARE FILLED WITH FIRESTOPS.



1 Life Safety Plans, Level 4 - Units C thru E
1/4" = 1'-0"

EM: 12/16/21 3:16:50 PM
BRPH: 12/16/21 3:16:50 PM
12/16/2021 3:16:50 PM



NOT FOR CONSTRUCTION

DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

ARCHITECT OF RECORD

DESIGNED BY
SKO
 DRAWN BY
SKO
 PROJECT NUMBER
C08792.001
 DATE
12/16/21

TITLE
FIFTH FLOOR LIFE SAFETY PLAN - UNITS C-E

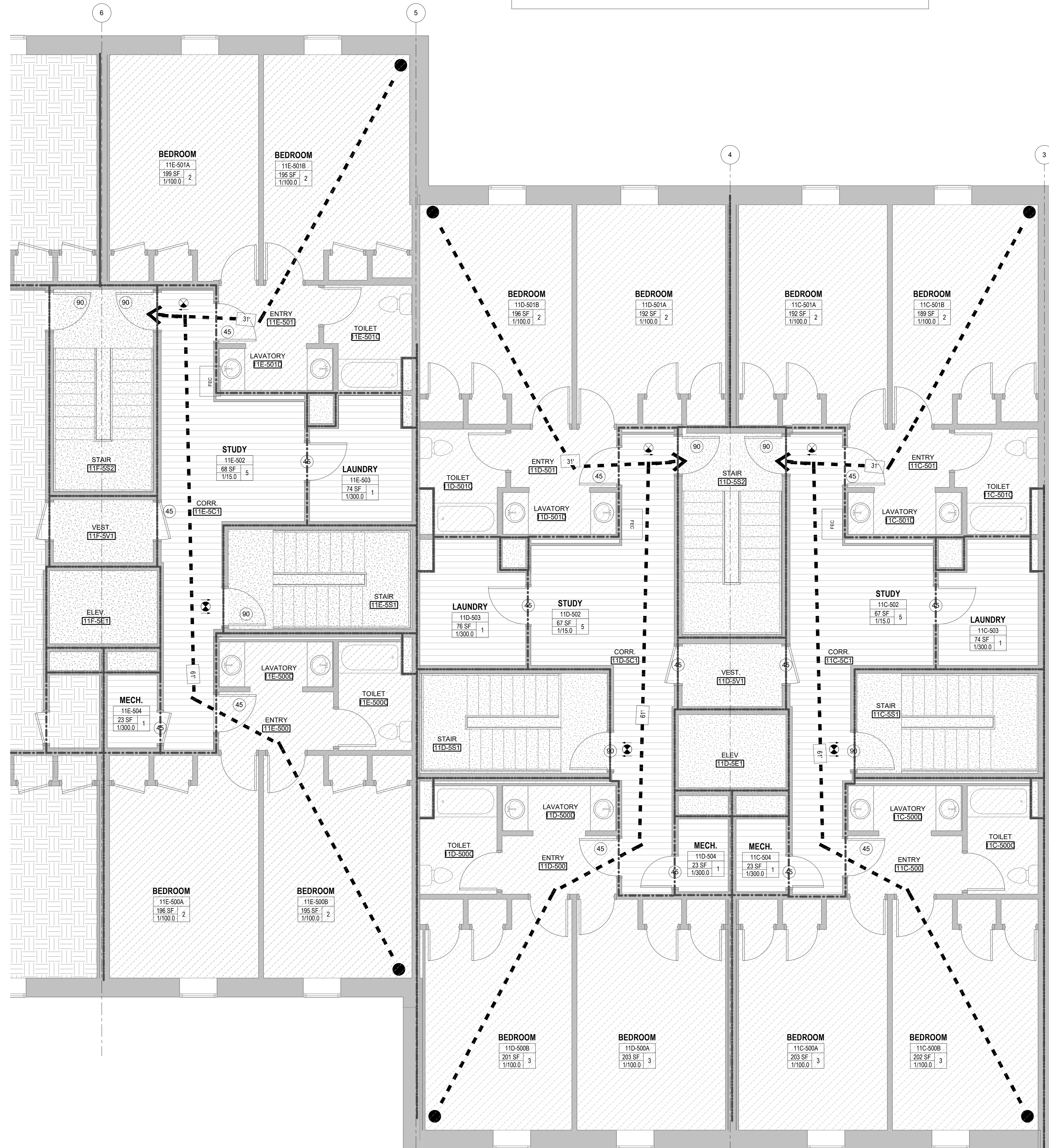
DRAWING NO.
A-015-2

LIFE SAFETY LEGEND

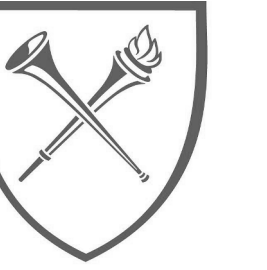
<p>LIFE SAFETY ROOM TAG</p> <p>ROOM NAME ——— ROOM ROOM NUMBER ——— 1011 ROOM AREA ——— 75 SF OCCUPANT LOAD FACTOR ——— 1/100 NUMBER OF OCCUPANTS ——— 1</p> <p>LIFE SAFETY EXIT TAG</p> <p>ANTICIPATED NO. OF PEOPLE ——— 1 ALLOWABLE NO. OF PEOPLE ——— 100</p> <p>EGRESS ROUTE</p> <p>SEGMENT LENGTH ——— 30'-0"</p> <p>EGRESS PATH ORIGIN ———</p> <p>EGRESS PATH EXIT ———</p> <p>BUILDING DISCHARGE ———</p>	<p>FIRE RATING INFORMATION</p> <p>3 HOUR FIRE WALL (EXIST.) ———</p> <p>2 HOUR FIRE WALL (EXIST.) ———</p> <p>1 HOUR RATED WALL (EXIST.) ———</p> <p>NEW 1 HOUR FIRE WALL ——— N-1 ——— N-1</p> <p>SMOKE PARTITION ——— SP ——— SP</p> <p>DORMITORY ———</p> <p>'A', ASSEMBLY OCCUPANCY ———</p> <p>1 HR ENCLOSURE, MIN. ———</p> <p>2 HR ENCLOSURE, MIN. ———</p> <p>NOT IN SCOPE ———</p>	<p>FIRE PROTECTION</p> <p>FIRE RESISTANT RATED OPENING ——— (20)</p> <p>FIRE EXTINGUISHER, BRACKET-MOUNTED ——— FE</p> <p>FIRE EXTINGUISHER CABINET, SEMI-RECESSED OR SURFACE-MOUNTED, PER SPECS ——— FEC</p> <p>EMERGENCY SYSTEMS</p> <p>EXIT LIGHT ———</p> <p>NOTES</p> <p>1. EXIT SIGN LOCATION: CONFIRM WITH ELEC. DWGS.</p>
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*** NOTE *:**

1) G.C. TO ENSURE THAT WALLS NOTED / MARKED AS RATED WALLS GO TO UNDERSIDE OF STRUCTURE ABOVE AND THAT ANY GAPS ARE FILLED WITH FIRESTOPS.



1 Life Safety Plans, Level 5 - Units C, D, E
 1/4" = 1'-0"



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DOCUMENT HISTORY

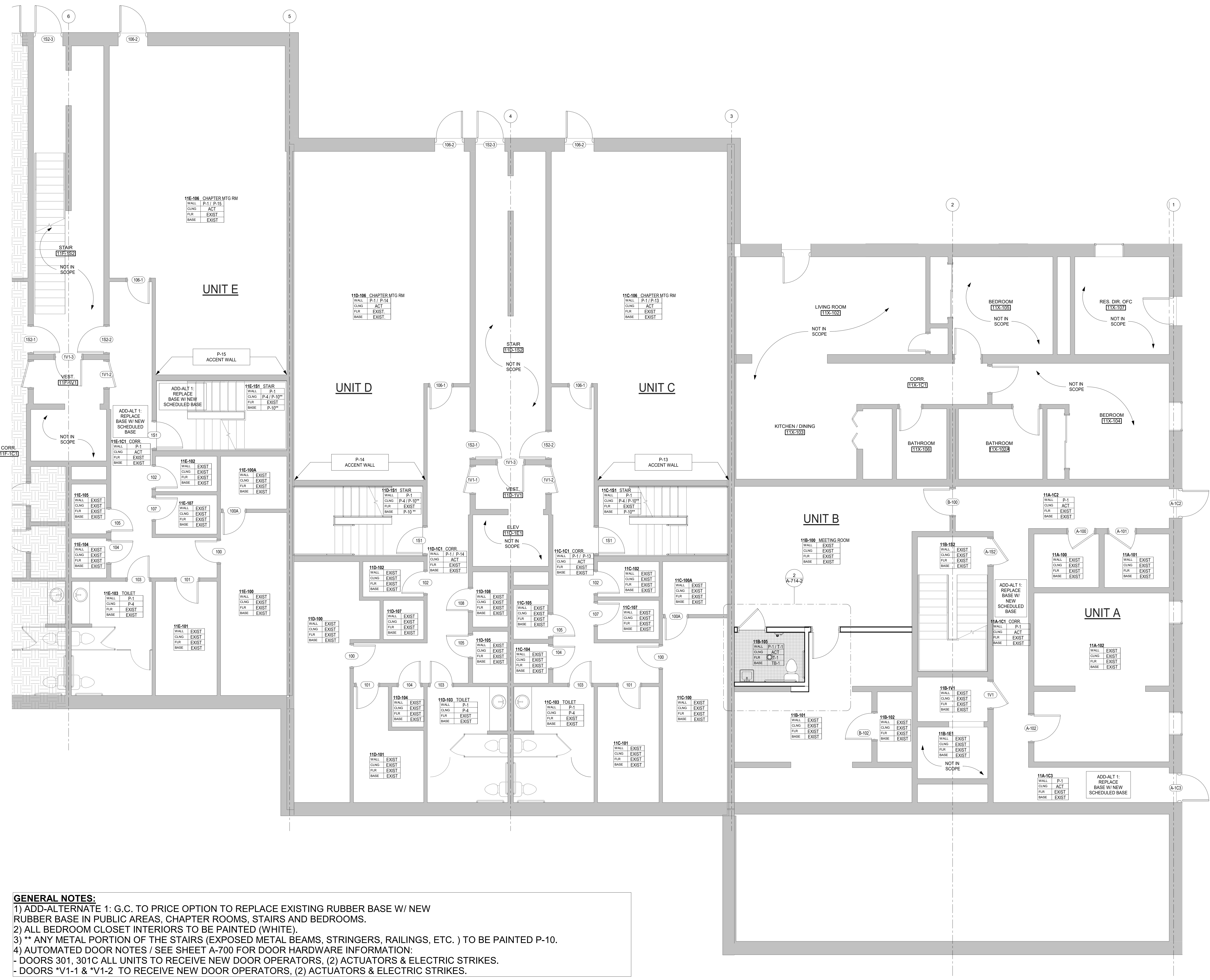
ARCHITECT OF RECORD

DESIGNED BY SKO DRAWN BY SKO PROJECT NUMBER C08792.001 DATE 12/16/21

TITLE FIRST FLOOR FINISHES PLAN - UNITS A-E

DRAWING NO.

A-201-2

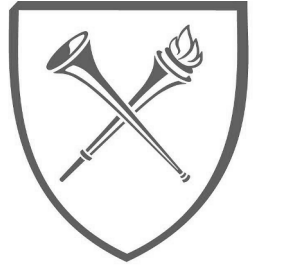


GENERAL NOTES:

- 1) ADD-ALTERNATE 1: G.C. TO PRICE OPTION TO REPLACE EXISTING RUBBER BASE W/ NEW RUBBER BASE IN PUBLIC AREAS, CHAPTER ROOMS, STAIRS AND BEDROOMS.
- 2) ALL BEDROOM CLOSET INTERIORS TO BE PAINTED (WHITE).
- 3) ** ANY METAL PORTION OF THE STAIRS (EXPOSED METAL BEAMS, STRINGERS, RAILINGS, ETC.) TO BE PAINTED P-10.
- 4) AUTOMATED DOOR NOTES / SEE SHEET A-700 FOR DOOR HARDWARE INFORMATION:
 - DOORS 301, 301C ALL UNITS TO RECEIVE NEW DOOR OPERATORS, (2) ACTUATORS & ELECTRIC STRIKES.
 - DOORS *V1-1 & *V1-2 TO RECEIVE NEW DOOR OPERATORS, (2) ACTUATORS & ELECTRIC STRIKES.

1 Finishes Plan Level 1 - Units E, D, C, B & A 1/4" = 1'-0"

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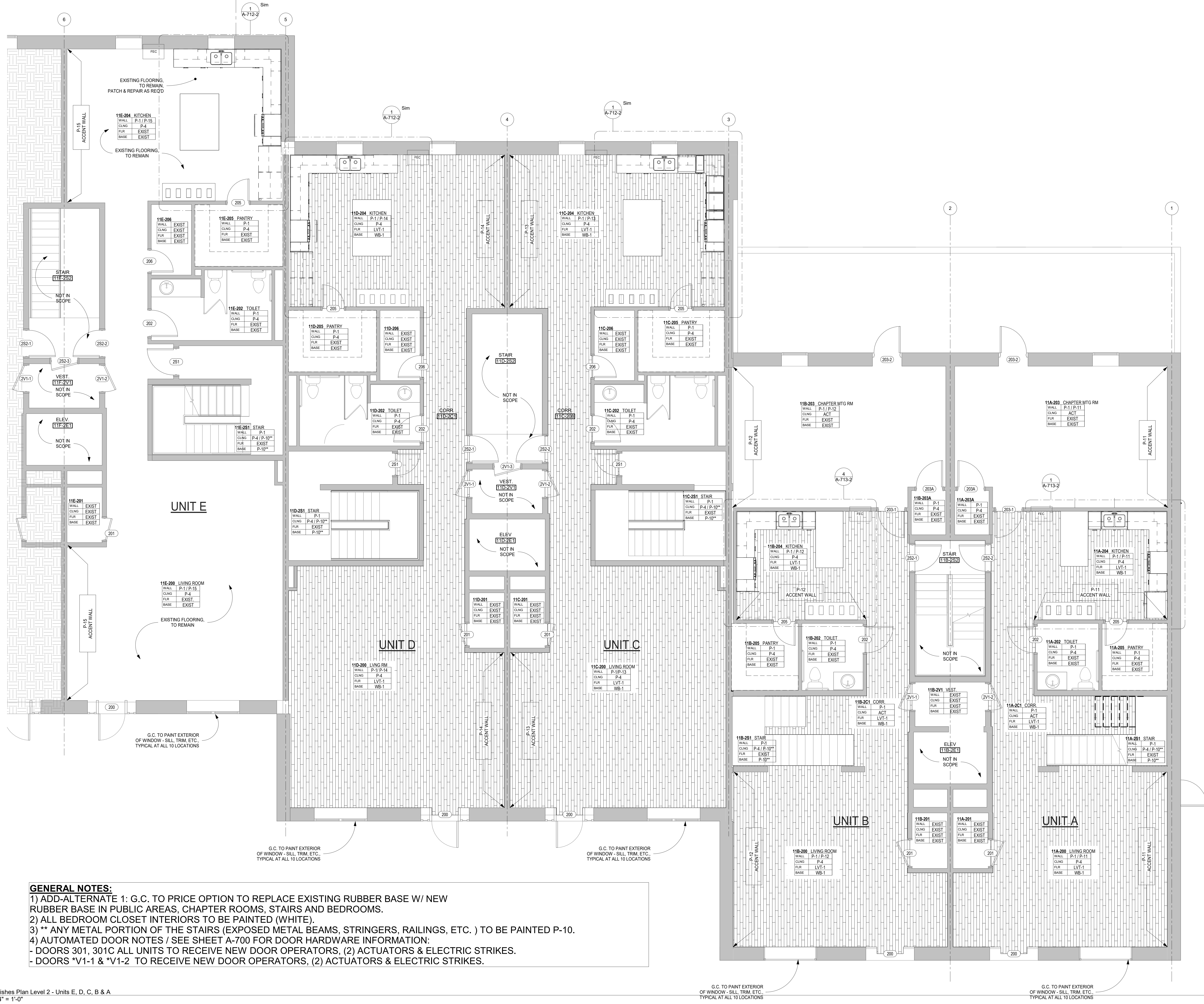
DOCUMENT HISTORY

ARCHITECT OF RECORD

DESIGNED BY
SKO
DRAWN BY
SKO
PROJECT NUMBER
C08792.001
DATE
12/16/21

TITLE
SECOND FLOOR FINISHES PLAN - UNITS A-E

DRAWING NO.
A-202-2

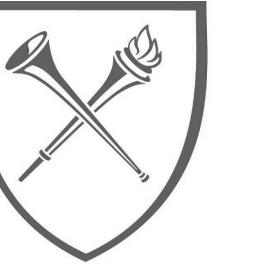


GENERAL NOTES:

- 1) ADD-ALTERNATE 1: G.C. TO PRICE OPTION TO REPLACE EXISTING RUBBER BASE W/ NEW RUBBER BASE IN PUBLIC AREAS, CHAPTER ROOMS, STAIRS AND BEDROOMS.
- 2) ALL BEDROOM CLOSET INTERIORS TO BE PAINTED (WHITE).
- 3) ** ANY METAL PORTION OF THE STAIRS (EXPOSED METAL BEAMS, STRINGERS, RAILINGS, ETC.) TO BE PAINTED P-10.
- 4) AUTOMATED DOOR NOTES / SEE SHEET A-700 FOR DOOR HARDWARE INFORMATION:
 - DOORS 301, 301C ALL UNITS TO RECEIVE NEW DOOR OPERATORS, (2) ACTUATORS & ELECTRIC STRIKES.
 - DOORS *V1-1 & *V1-2 TO RECEIVE NEW DOOR OPERATORS, (2) ACTUATORS & ELECTRIC STRIKES.

1 Finishes Plan Level 2 - Units E, D, C, B & A
1/4" = 1'-0"

REV: 12/16/21 10:51 AM - Emory South Building
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NOT FOR CONSTRUCTION

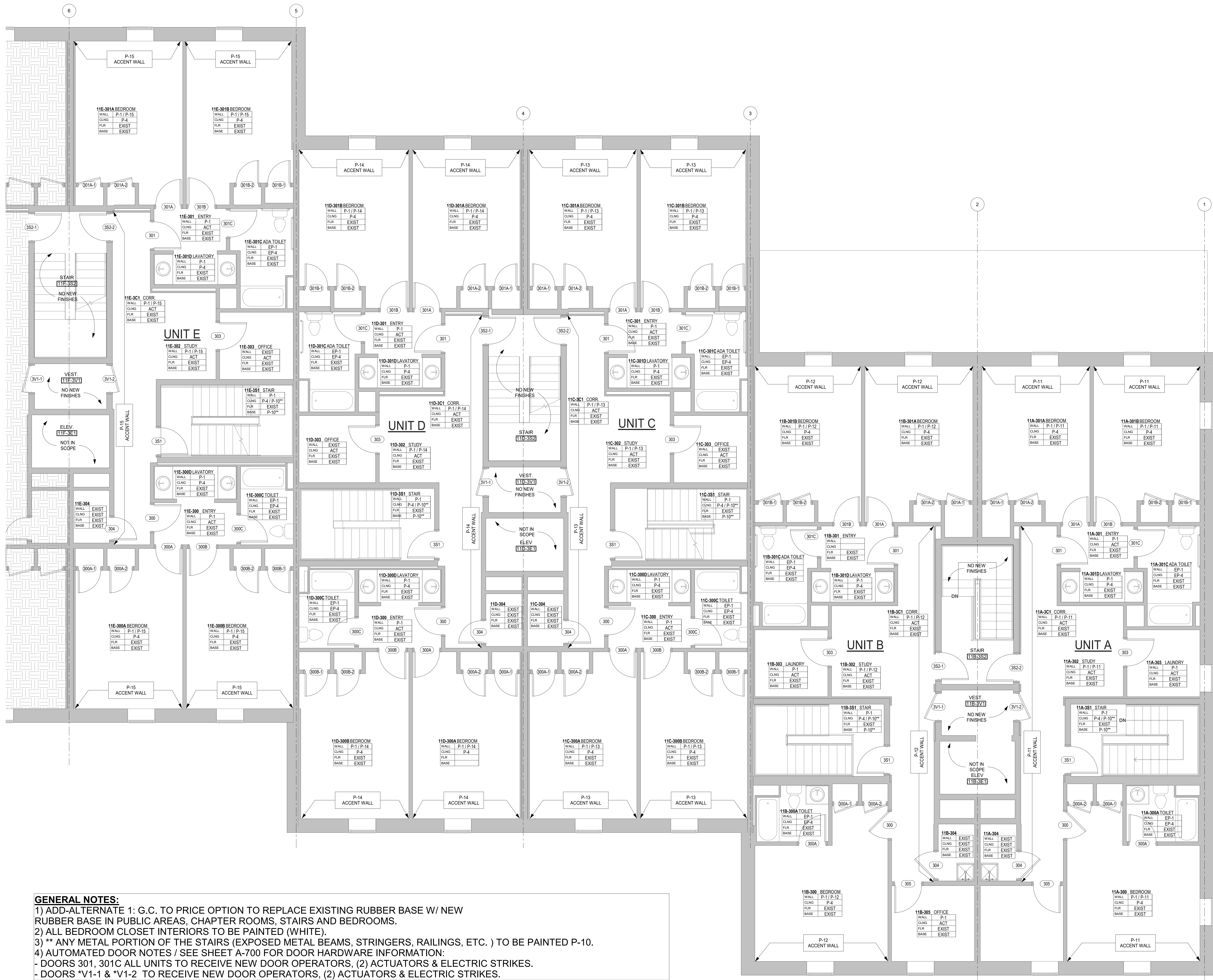
DOCUMENT HISTORY

ARCHITECT OF RECORD

DESIGNED BY
SKO
DRAWN BY
SKO
PROJECT NUMBER
C08792.001
DATE
12/16/21
TITLE

THIRD FLOOR FINISHES PLAN - UNITS A-E

A-203-2



- GENERAL NOTES:**
- 1) ADD-ALTERNATE 1: G.C. TO PRICE OPTION TO REPLACE EXISTING RUBBER BASE W/ NEW RUBBER BASE IN PUBLIC AREAS, CHAPTER ROOMS, STAIRS AND BEDROOMS.
 - 2) ALL BEDROOM CLOSET INTERIORS TO BE PAINTED (WHITE).
 - 3) ** ANY METAL PORTION OF THE STAIRS (EXPOSED METAL BEAMS, STRINGERS, RAILINGS, ETC.) TO BE PAINTED P-10.
 - 4) AUTOMATED DOOR NOTES / SEE SHEET A-700 FOR DOOR HARDWARE INFORMATION:
- DOORS 301, 301C ALL UNITS TO RECEIVE NEW DOOR OPERATORS, (2) ACTUATORS & ELECTRIC STRIKES.
- DOORS *V1-1 & *V1-2 TO RECEIVE NEW DOOR OPERATORS, (2) ACTUATORS & ELECTRIC STRIKES.

1 Finishes Plan Level 3 - Units E, D, C, B & A
1/4" = 1'-0"

FILE: 12/16/21/03/01 - Emory Sorority Renovation
 PROJECT: 12/16/21/03/01 - Emory Sorority Renovation
 12/16/2021 3:17:10 PM



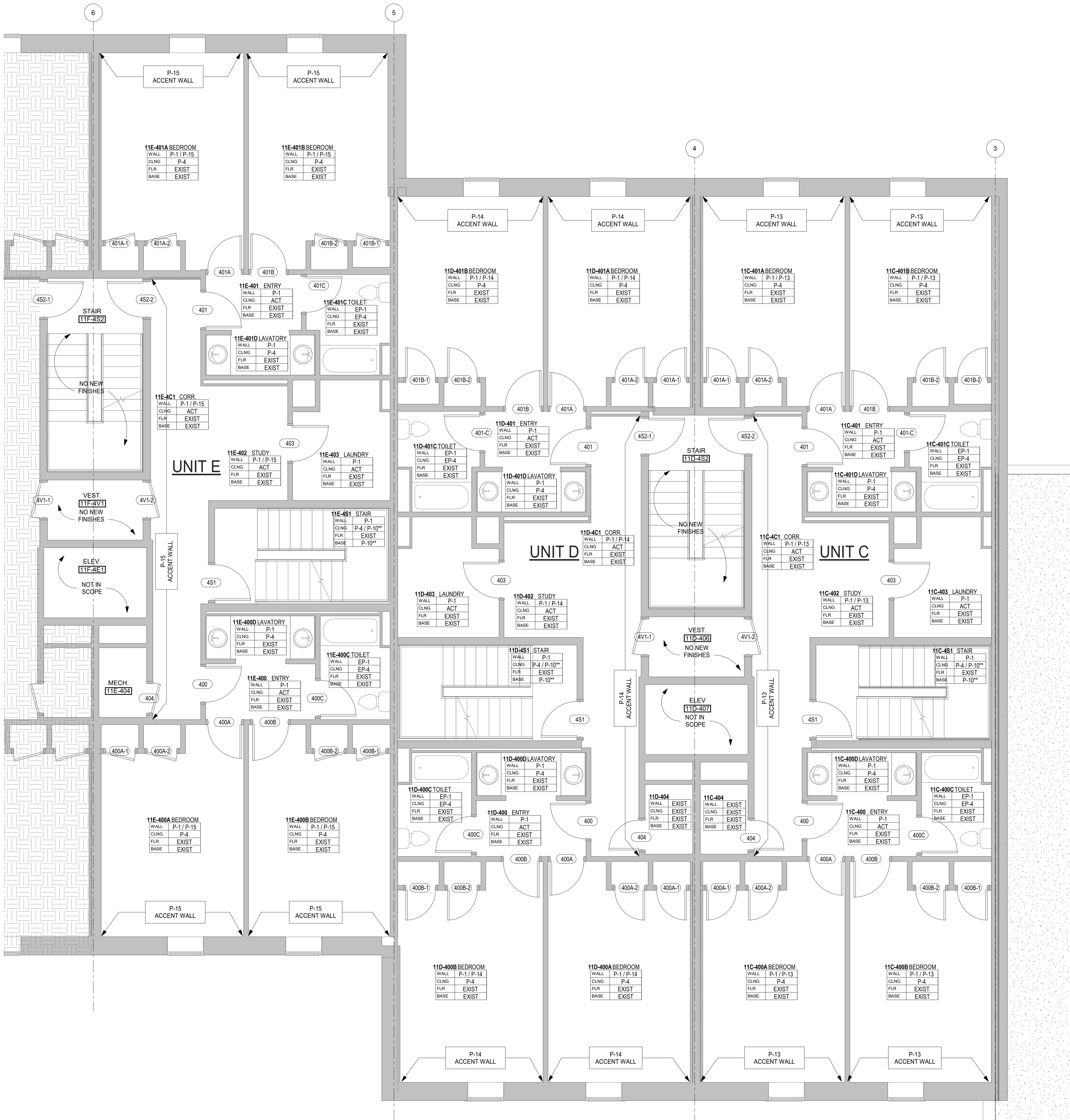
SORORITY RENO. LODGES A-E PHASE 2 11 Eagle Row, Atlanta, GA 30322

NOT FOR CONSTRUCTION

DOCUMENT HISTORY

ARCHENGR OF RECORD

DESIGNED BY SKO DRAWN BY SKO PROJECT NUMBER C08792.001 DATE 12/16/21 TITLE FOURTH FLOOR FINISHES PLAN - UNITS C-E DRAWING NO. A-204-2



GENERAL NOTES:

- 1) ADD-ALTERNATE 1: G.C. TO PRICE OPTION TO REPLACE EXISTING RUBBER BASE W/ NEW RUBBER BASE IN PUBLIC AREAS, CHAPTER ROOMS, STAIRS AND BEDROOMS.
- 2) ALL BEDROOM CLOSET INTERIORS TO BE PAINTED (WHITE).
- 3) ** ANY METAL PORTION OF THE STAIRS (EXPOSED METAL BEAMS, STRINGERS, RAILINGS, ETC.) TO BE PAINTED P-10.
- 4) AUTOMATED DOOR NOTES / SEE SHEET A-700 FOR DOOR HARDWARE INFORMATION:
 - DOORS 301, 301C ALL UNITS TO RECEIVE NEW DOOR OPERATORS, (2) ACTUATORS & ELECTRIC STRIKES.
 - DOORS *V1-1 & *V1-2 TO RECEIVE NEW DOOR OPERATORS, (2) ACTUATORS & ELECTRIC STRIKES.

1 Finishes Plan Level 4 - Units E, D & C 1/4" = 1'-0"



NOT FOR CONSTRUCTION

DOCUMENT HISTORY

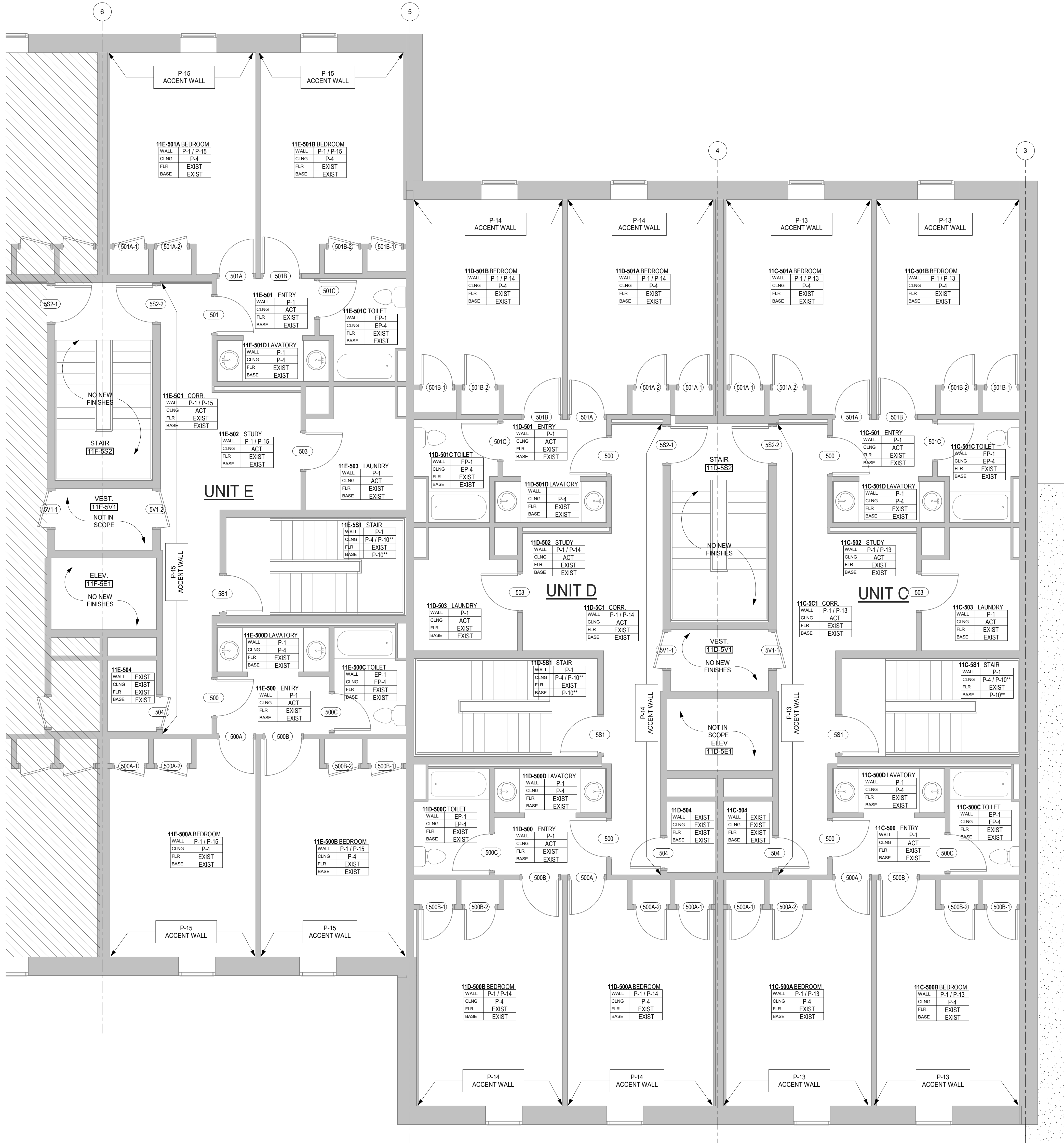
ARCHITECT OF RECORD

DESIGNED BY SKO DRAWN BY SKO PROJECT NUMBER C08792.001 DATE 12/16/21

FIFTH FLOOR FINISHES PLAN - UNITS C-E

DRAWING NO.

A-205-2



GENERAL NOTES:

- 1) ADD-ALTERNATE 1: G.C. TO PRICE OPTION TO REPLACE EXISTING RUBBER BASE W/ NEW RUBBER BASE IN PUBLIC AREAS, CHAPTER ROOMS, STAIRS AND BEDROOMS.
- 2) ALL BEDROOM CLOSET INTERIORS TO BE PAINTED (WHITE).
- 3) ** ANY METAL PORTION OF THE STAIRS (EXPOSED METAL BEAMS, STRINGERS, RAILINGS, ETC.) TO BE PAINTED P-10.
- 4) AUTOMATED DOOR NOTES / SEE SHEET A-700 FOR DOOR HARDWARE INFORMATION:
 - DOORS 301, 301C ALL UNITS TO RECEIVE NEW DOOR OPERATORS, (2) ACTUATORS & ELECTRIC STRIKES.
 - DOORS *V1-1 & *V1-2 TO RECEIVE NEW DOOR OPERATORS, (2) ACTUATORS & ELECTRIC STRIKES.



EMORY
PROJECT NO: CP200000158

SORORITY RENO. LODGES A-E PHASE 2
11 Eagle Row, Atlanta, GA 30322

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CONSTRUCTION**

DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

ARCHITECT OF RECORD

DESIGNED BY
SKO
DRAWN BY
SKO
PROJECT NUMBER
C08792.001
DATE
12/16/21
TITLE

**MECH.
PENTHOUSE
REFERENCE
PLAN
A-206-2**

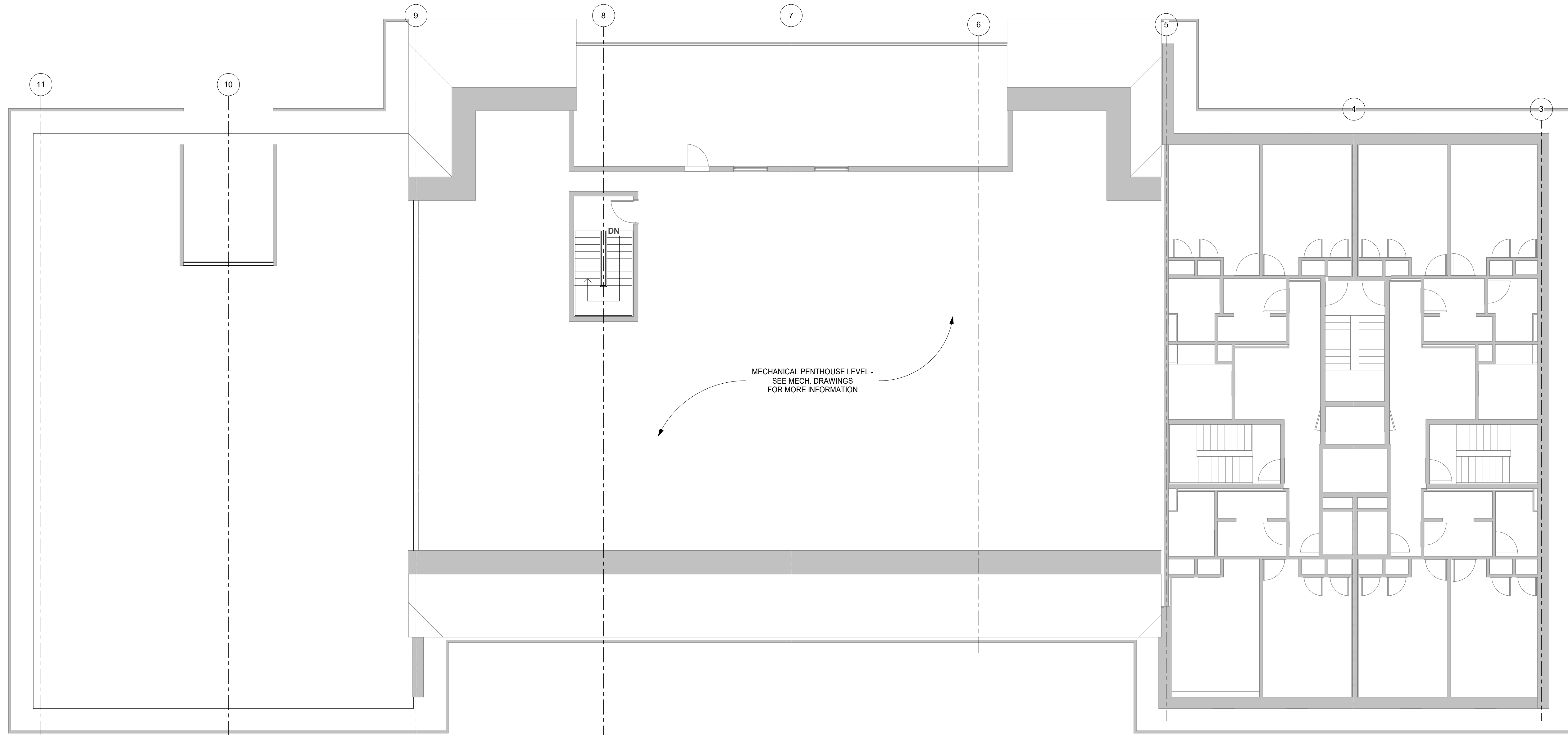
E

D

C

B

A



1 Penthouse Reference Plan
1/8" = 1'-0"



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DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

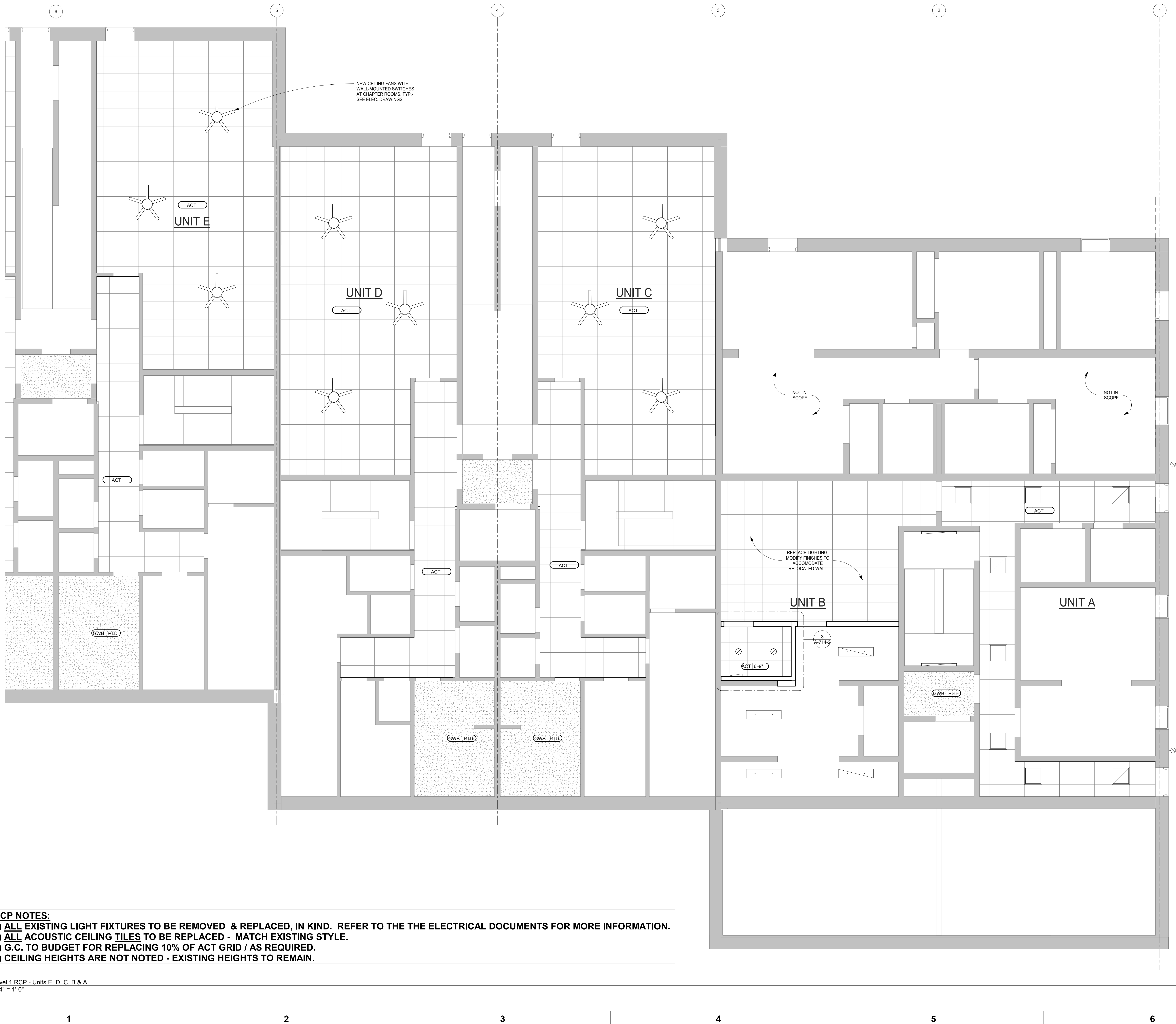
ARCHITECT OF RECORD

DESIGNED BY
SKO
DRAWN BY
SKO
PROJECT NUMBER
C08792.001
DATE
12/16/21
TITLE

FIRST FLOOR
RCP - UNITS A-E

DRAWING NO.

A-211-2



RCP NOTES:
 1) ALL EXISTING LIGHT FIXTURES TO BE REMOVED & REPLACED, IN KIND. REFER TO THE THE ELECTRICAL DOCUMENTS FOR MORE INFORMATION.
 2) ALL ACOUSTIC CEILING TILES TO BE REPLACED - MATCH EXISTING STYLE.
 3) G.C. TO BUDGET FOR REPLACING 10% OF ACT GRID / AS REQUIRED.
 4) CEILING HEIGHTS ARE NOT NOTED - EXISTING HEIGHTS TO REMAIN.

Level 1 RCP - Units E, D, C, B & A
1/4" = 1'-0"

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12/16/2021 3:17:20 PM



EMORY

PROJECT NO: CP200000158

SORORITY RENO. LODGES A-E PHASE 2
11 Eagle Row, Atlanta, GA 30322

NOT FOR
CONSTRUCTION

DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

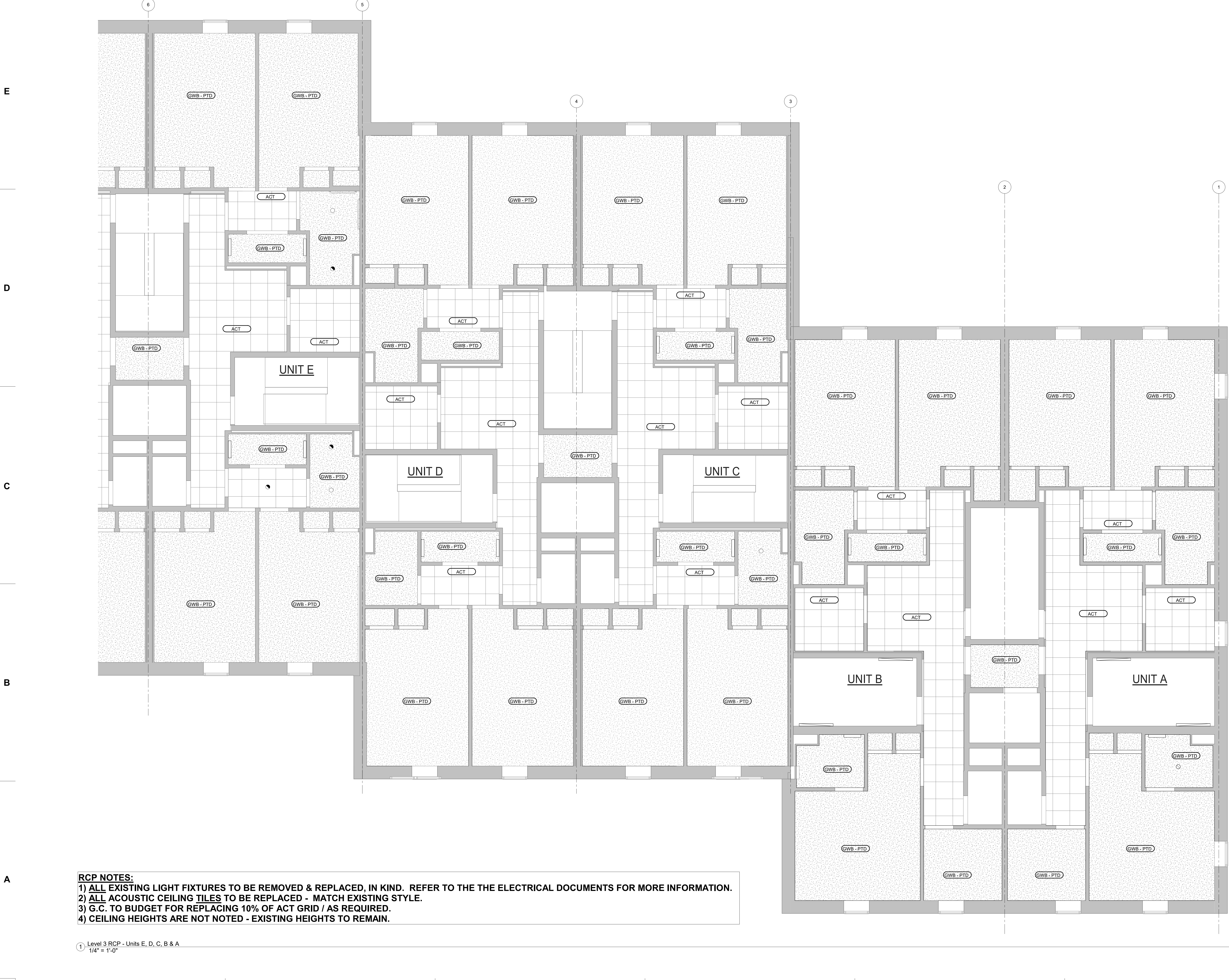
ARCHITECT OF RECORD

DESIGNED BY
SKO
DRAWN BY
SKO
PROJECT NUMBER
C08792.001
DATE
12/16/21
TITLE

THIRD FLOOR
RCP - UNITS A-E

DRAWING NO.

A-213-2



RCP NOTES:
1) ALL EXISTING LIGHT FIXTURES TO BE REMOVED & REPLACED, IN KIND. REFER TO THE THE ELECTRICAL DOCUMENTS FOR MORE INFORMATION.
2) ALL ACOUSTIC CEILING TILES TO BE REPLACED - MATCH EXISTING STYLE.
3) G.C. TO BUDGET FOR REPLACING 10% OF ACT GRID / AS REQUIRED.
4) CEILING HEIGHTS ARE NOT NOTED - EXISTING HEIGHTS TO REMAIN.

1 Level 3 RCP - Units E, D, C, B & A
1/4" = 1'-0"

EMORY UNIVERSITY
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NOT FOR CONSTRUCTION

DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

ARCHENGR OF RECORD

DESIGNED BY
SKO
 DRAWN BY
SKO
 PROJECT NUMBER
C08792.001
 DATE
12/16/21

TITLE
**FIFTH FLOOR
 RCP - UNITS C-E**

DRAWING NO.

A-215-2



- RCP NOTES:**
- 1) ALL EXISTING LIGHT FIXTURES TO BE REMOVED & REPLACED, IN KIND. REFER TO THE THE ELECTRICAL DOCUMENTS FOR MORE INFORMATION.**
 - 2) ALL ACOUSTIC CEILING TILES TO BE REPLACED - MATCH EXISTING STYLE.**
 - 3) G.C. TO BUDGET FOR REPLACING 10% OF ACT GRID / AS REQUIRED.**
 - 4) CEILING HEIGHTS ARE NOT NOTED - EXISTING HEIGHTS TO REMAIN.**

① Level 5 RCP - Units E, D & C
 1/4" = 1'-0"



EMORY
PROJECT NO: CP200000158

SORORITY RENO. LODGES A-E PHASE 2
11 Eagle Row, Atlanta, GA 30322

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DOCUMENT HISTORY

ARCHENGR OF RECORD

DESIGNED BY
SKO
DRAWN BY
SKO
PROJECT NUMBER
C08792.001
DATE
12/16/21
TITLE
WALL TYPES

DRAWING NO.
A-390

WALL TAG		
FIRE RATING	CORE MATERIAL	MODIFICATION
0 - NON RATED	S - METAL STUD	A - ACOUSTICAL
1 - 1 HR	C - CHASE WALL	B - CEMENTITIOUS
2 - 2 HR	M - MASONRY	BACKER BOARD
3 - 3 HR	F - FIRING	D - FRAME WALL ABOVE
4 - 4 HR	X - SHAFT WALL	H - SECURITY MESH
5 - SMOKE		I - IMPACT RESISTANT
		M - MOISTURE RESISTANT
		GYPSPUM BOARD
		N - SINGLE SIDE GYPSPUM
		BOARD
		R - RF SHIELDING FOIL
		T - THROUGH CEILING
		U - UNDERSIDE CEILING

STEEL STUD PARTITIONS

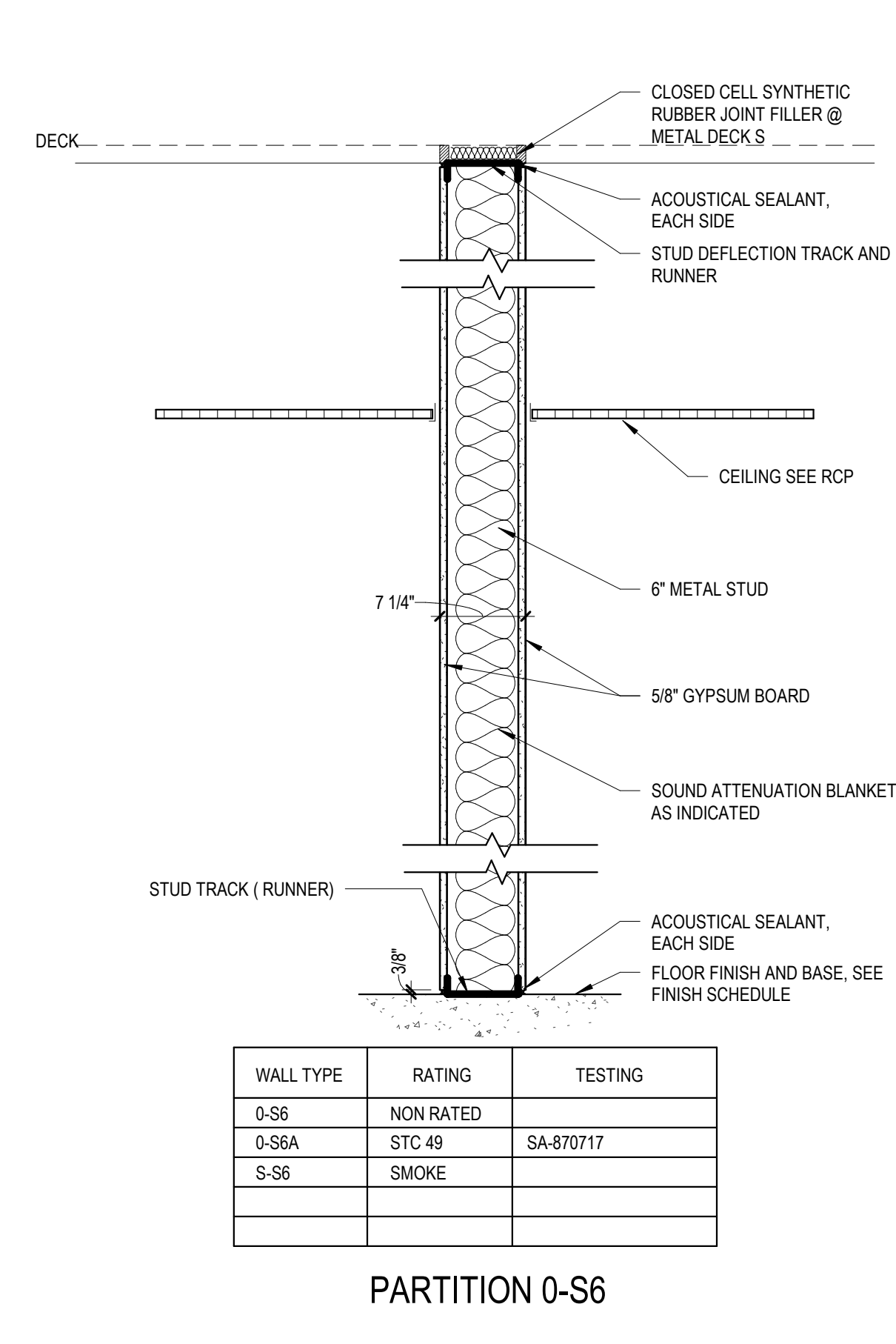
GENERAL NOTES:

- THIS INFORMATION IS PROVIDED FOR USE AS A GUIDE AND DOES NOT ALLEVIATE THE CONTRACTOR FROM PROVIDING WALL ASSEMBLIES THAT MEET THE DESIGN CRITERIA FOR EACH CONDITION. CONTRACTOR SHALL COORDINATE WITH PROJECT CONDITIONS AND PROVIDE WALL ASSEMBLIES BASED ON MANUFACTURER'S STANDARD SPAN TABLES THAT MEET DESIGN CRITERIA INCLUDING LOADS, DEFLECTION LIMITS, FIRE TEST RATINGS AND SOUND TEST CLASSIFICATIONS.
- SOUND TRANSMISSION CLASS INDICATED IS BASED ON MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE IN SOUND TEST ASSEMBLY SCHEDULED. IF CHANGES IN THE ASSEMBLY ARE NECESSARY DUE TO CONTRACTOR'S SELECTION OF PRODUCTS/ MANUFACTURER OR DUE TO REQUIRED PARTITION HEIGHT, DEFLECTION CRITERIA OR DESIGN PRESSURE, CONTRACTOR SHALL SUBMIT FOR APPROVAL AND PROVIDE ALTERNATE PARTITION ASSEMBLIES THAT MEET SPECIFIED DESIGN CRITERIA PRIOR TO START OF WORK.
- IF SELECTED STEEL STUD MANUFACTURER'S THICKNESS OF STEEL COMPONENTS VARIES FROM THE BASIS OF DESIGN, PROVIDE MANUFACTURER'S STANDARD THICKNESS WITH LIMITING HEIGHT THAT MEETS OR EXCEEDS THE SPECIFIED DESIGN CRITERIA.
- GYPSPUM WALL BOARD IS TO BE TYPE 'X' FIRE RESISTANT BOARD FOR ALL RATED PARTITIONS UNLESS OTHERWISE NOTED.
- DOOR OPENING FRAMING SHALL BE MINIMUM 20 GAUGE STUDS WITH SINGLE STUD JAMB FOR STANDARD WEIGHT DOORS AND DOUBLE STUD JAMB FOR HEAVY WEIGHT DOORS IN ACCORDANCE WITH GYPSPUM ASSOCIATION STANDARD GA-219.
- REFER TO LIFE SAFETY PLANS AND FLOOR PLAN FOR LOCATIONS OF FIRE RATED WALLS.
- REFER TO FINISH SCHEDULE FOR WALL FINISHES.
- ALL U.L. OR OTHER TESTING AGENCY DESIGNATIONS SHOWN IN THE PARTITION TYPES APPLY ONLY TO THE PARTITIONS INDICATED ON THE LIFE SAFETY PLANS TO BE FIRE OR SMOKE RATED. THESE RATED PARTITIONS SHALL BE CONSTRUCTED TO COMPLY WITH THE REQUIREMENTS OF TESTED ASSEMBLY.
- FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENING OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING. SUCH IDENTIFICATION SHALL: A. BE LOCATED IN ACCESSIBLE CONCEALED FLOOR, FLOOR-CEILING OR ATTIC SPACES; B. BE LOCATED WITHIN 15 FEET OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION; AND C. INCLUDE LETTERING NOT LESS THAN 3 INCHES IN HEIGHT WITH A MINIMUM 3/8 INCH STROKE IN A CONTRASTING COLOR INCORPORATING THE SUGGESTED WORDING, "FIRE AND/OR SMOKE BARRIER-PROTECT ALL OPENINGS" OR OTHER WORDING AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- PARTITIONS SHALL EXTEND AND TERMINATE AT THE UNDERSIDE OF STRUCTURE ABOVE UNLESS NOTED OTHERWISE.
- IN STUD WALL PARTITIONS PROVIDE BLOCKING AS SPECIFIED FOR ALL WALL MOUNTED HANDRAILS, FIXTURES, WALLWORK, EQUIPMENT, ACCESSORIES, ETCETERA.

DESIGN PRESSURE	PARTITION LOCATION
VARIES	ELEVATOR HOIST WAYS*
10 PSF	STAIRS, OTHER VERTICAL SHAFTS
15 PSF	GROUND FLOOR LOBBIES AND ATRIUMS
5 PSF	OTHER WALLS

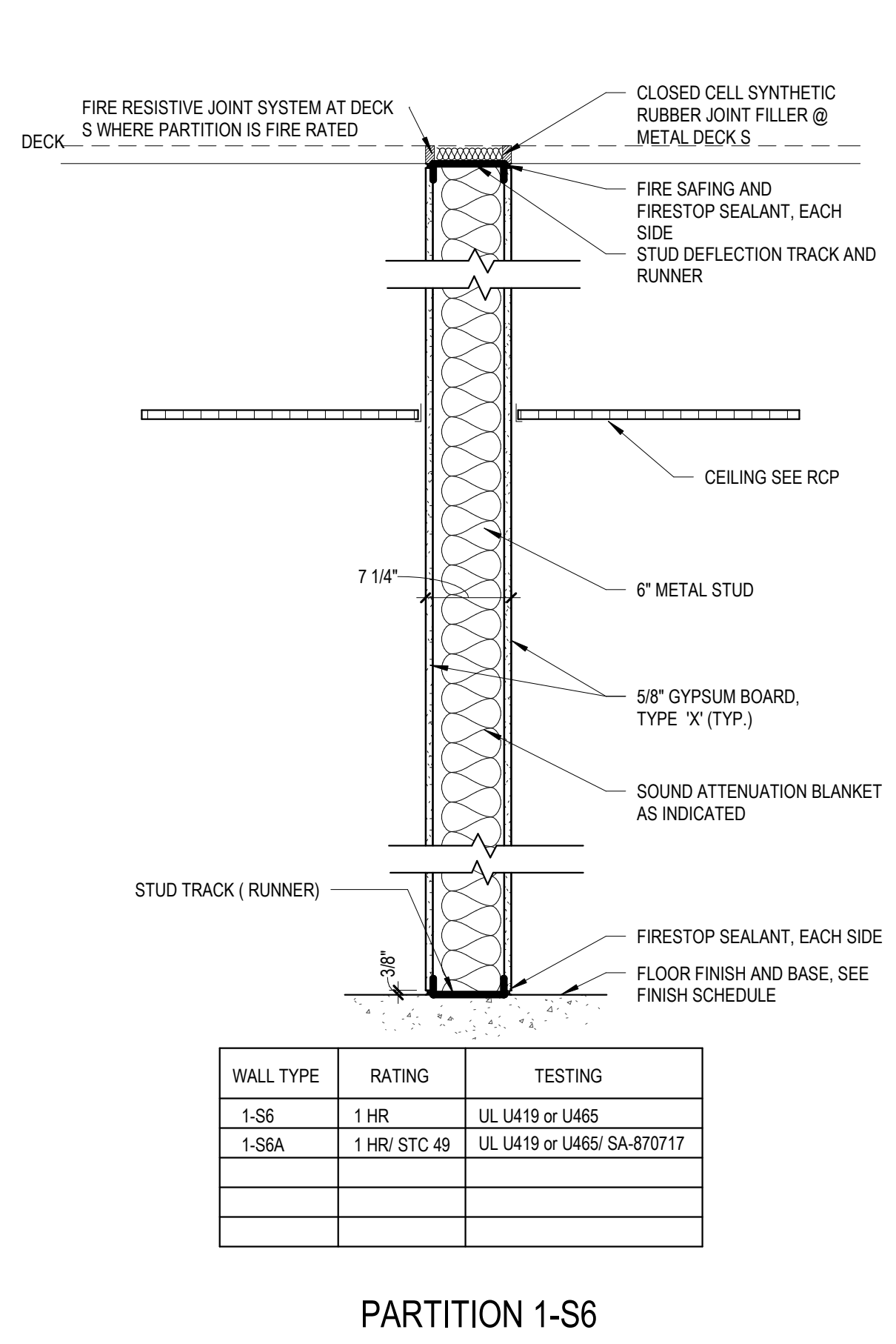
* REFER TO USC RECOMMENDED WALL CONSTRUCTION FOR ELEVATOR HOISTWAYS. DESIGN PRESSURE VARIES WITH ELEVATOR SPEED AND NUMBER OF CABS IN HOISTWAY.

DEFLECTION LIMIT	CLADDING MATERIAL
L/720	STONE CLADDING
L/360	LATH AND PLASTER OR VENEER PLASTER
L/360	TILE FINISH
L/240	OTHER



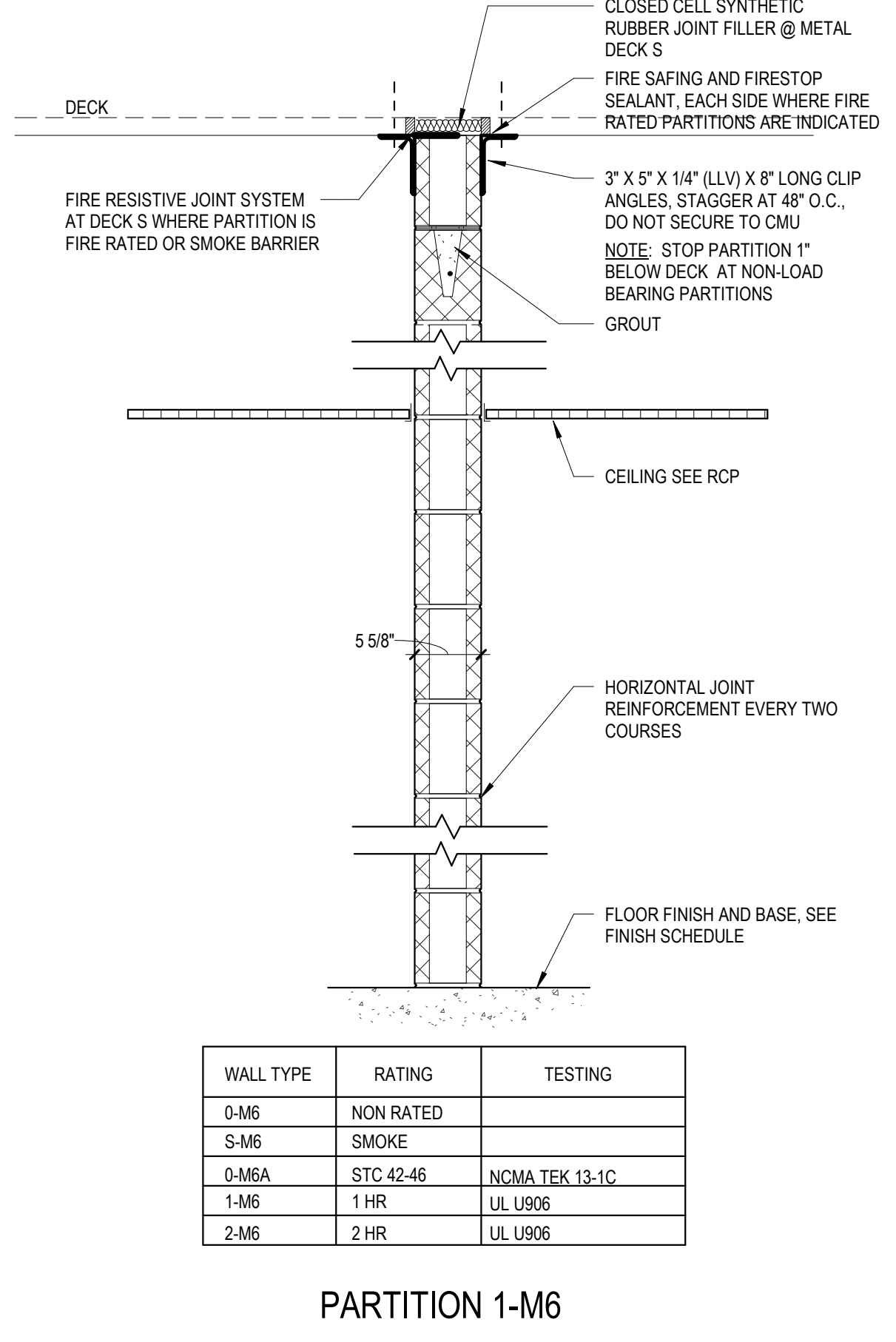
WALL TYPE	RATING	TESTING
0-S6	NON RATED	
0-S6A	STC 49	SA-870717
S-S6	SMOKE	

PARTITION 0-S6



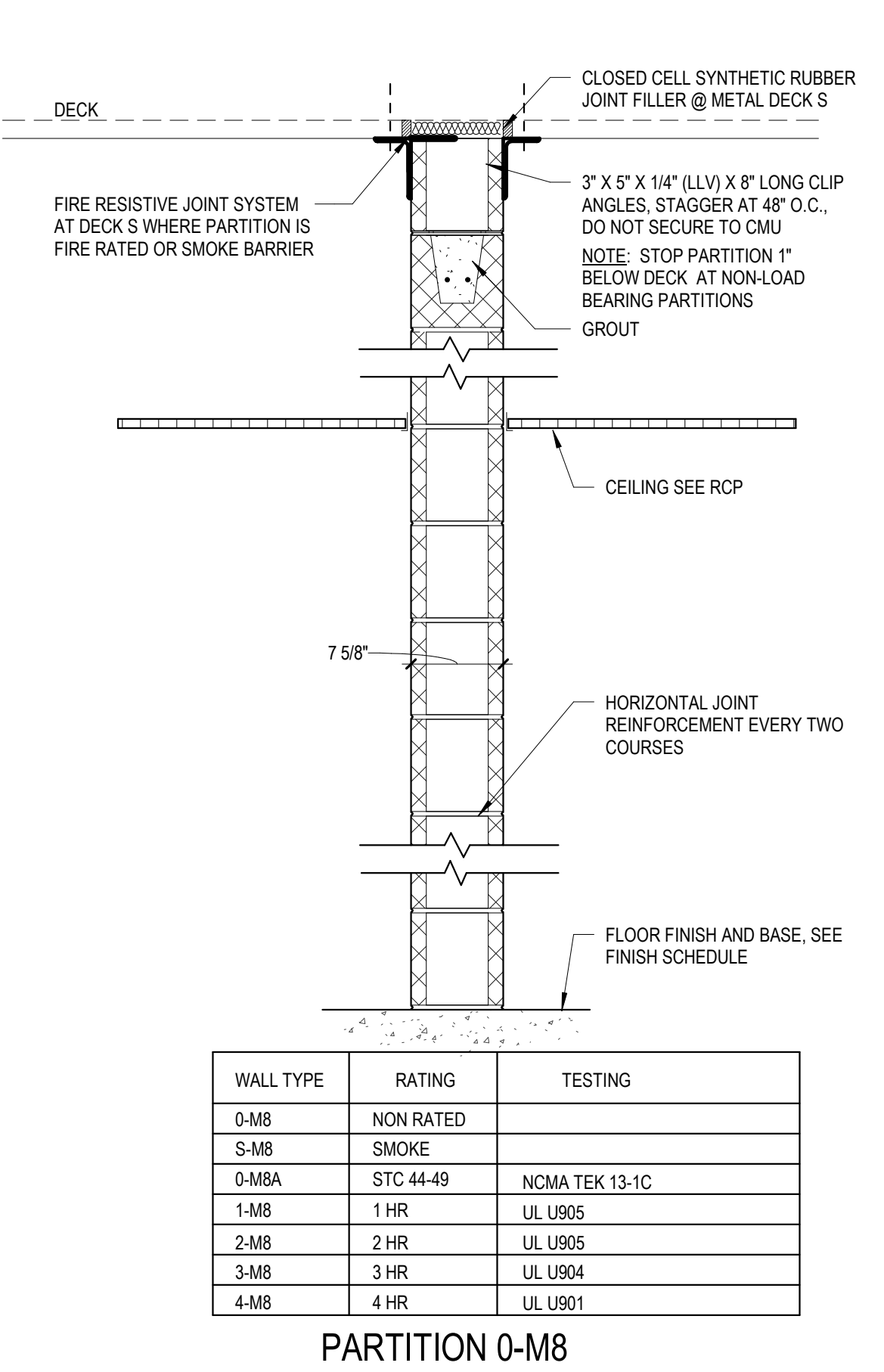
WALL TYPE	RATING	TESTING
1-S6	1 HR	UL U419 or U465
1-S6A	1 HR/ STC 49	UL U419 or U465/ SA-870717

PARTITION 1-S6



WALL TYPE	RATING	TESTING
0-M6	NON RATED	
0-M6A	SMOKE	
0-M6A	STC 44-49	NCMA TEK 13-1C
1-M6	1 HR	UL U905
1-M6A	STC 42-46	NCMA TEK 13-1C
1-M6	1 HR	UL U906
2-M6	2 HR	UL U906

PARTITION 1-M6



WALL TYPE	RATING	TESTING
0-M8	NON RATED	
S-M8	SMOKE	
0-M8A	STC 44-49	NCMA TEK 13-1C
1-M8	1 HR	UL U905
2-M8	2 HR	UL U905
3-M8	3 HR	UL U904
4-M8	4 HR	UL U901

PARTITION 0-M8

ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODES (IBC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND STRUCTURES.



Table with 2 columns: Date, Description. Header: DOCUMENT HISTORY

TYPICAL DOOR & FRAME SCHEDULE (UNITS C, D, E) Table with columns: DOOR NO., FROM ROOM, DOOR SWINGS INTO ROOM, DOOR OPERATOR, EXIST. RATING, EXISTING (DOOR MAT'L, FRAME MAT'L), NEW FINISH (DOOR FINISH, FRAME FINISH), REMARKS, UNIT.

*** THIS DOOR SCHEDULE APPLIES TO ALL UNITS E, D, & C ***

** G.C. TO COORDINATE CONDUIT ROUTING WITH DOOR OPERATOR LOCATIONS ** ** INSTALL THE FOLLOWING AT EACH DOOR TO RECEIVE A NEW DOOR OPERATOR: (2) EACH 8310-819F FLUSH BOXES (2) EACH 8310-818T OPERATORS (1) EACH LCN 4360 LOW ENERGY OPERATOR (1) EACH 6211 x FSE 12/24v VONDUPRIN EL STRIKE

FINISH LEGEND Table with columns: Key Name, Description, Manufacturer, Style, Color, Finish, Comments.

RENOVATION NOTES: 1) ALL ACOUSTIC CEILING TILES TO BE REPLACED - MATCH EXISTING. 2) G.C. TO BUDGET FOR REPLACING 10% OF ACT GRID / AS REQUIRED. 3) EXISTING GWB CEILING TO REMAIN, PATCH AND REPAIR AS REQUIRED AFTER EQUIPMENT AND FIXTURES ARE INSTALLED. 4) ALL EXISTING GWB CEILING TO RECEIVE NEW PAINT - SEE FINISH SCHEDULE. 5) PATCH OR REPLACE ANY DAMAGED GYPSUM AT WALLS AS REQUIRED.

DOOR & FRAME SCHEDULE - UNIT A Table with columns: DOOR NO., FROM ROOM, DOOR SWINGS INTO ROOM, DOOR OPERATOR, EXIST. RATING, EXISTING (DOOR MAT'L, FRAME MAT'L), NEW FINISH (DOOR FINISH, FRAME FINISH), REMARKS, UNIT.

DOOR & FRAME SCHEDULE - UNIT B Table with columns: DOOR NO., FROM ROOM, DOOR SWINGS INTO ROOM, DOOR OPERATOR, EXIST. RATING, EXISTING (DOOR MAT'L, FRAME MAT'L), NEW FINISH (DOOR FINISH, FRAME FINISH), REMARKS, UNIT.

** G.C. TO COORDINATE CONDUIT ROUTING WITH DOOR OPERATOR LOCATIONS ** ** INSTALL THE FOLLOWING AT EACH DOOR TO RECEIVE A NEW DOOR OPERATOR: (2) EACH 8310-819F FLUSH BOXES (2) EACH 8310-818T OPERATORS (1) EACH LCN 4360 LOW ENERGY OPERATOR (1) EACH 6211 x FSE 12/24v VONDUPRIN EL STRIKE

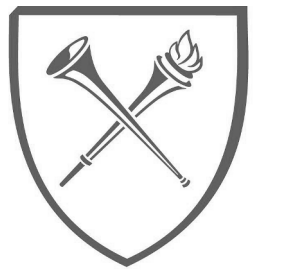
E

D

C

B

A



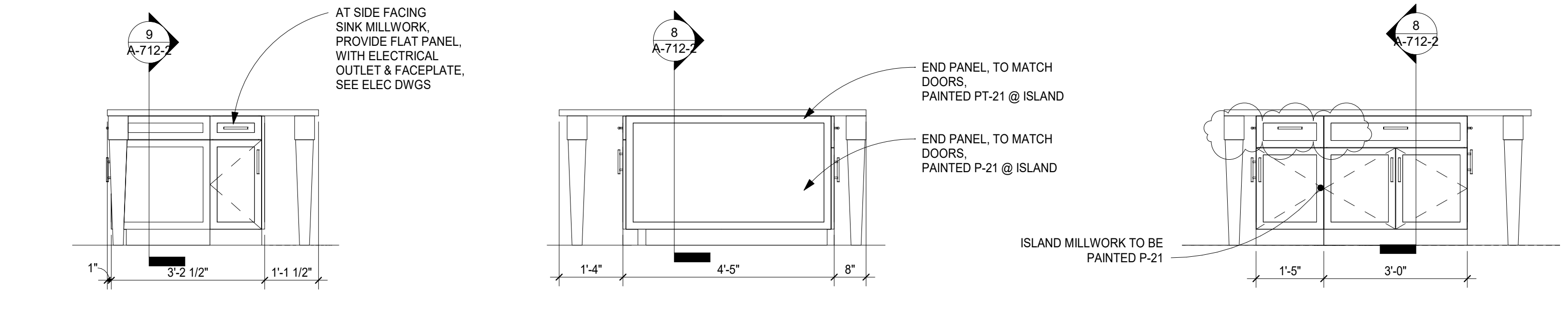
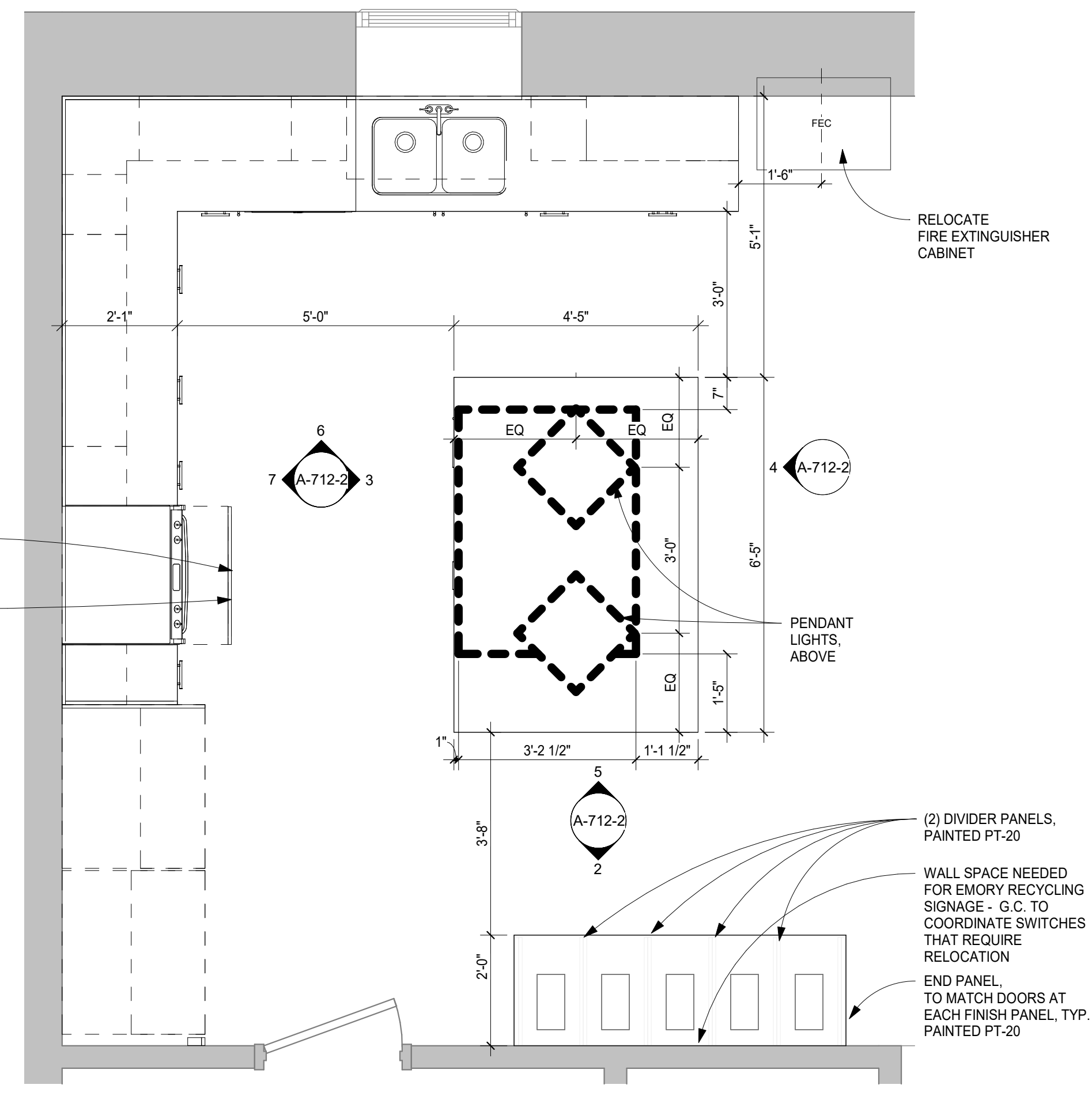
NOT FOR CONSTRUCTION

Revision table with columns for revision number, date, and description. Includes a 'REVISION HISTORY' section.

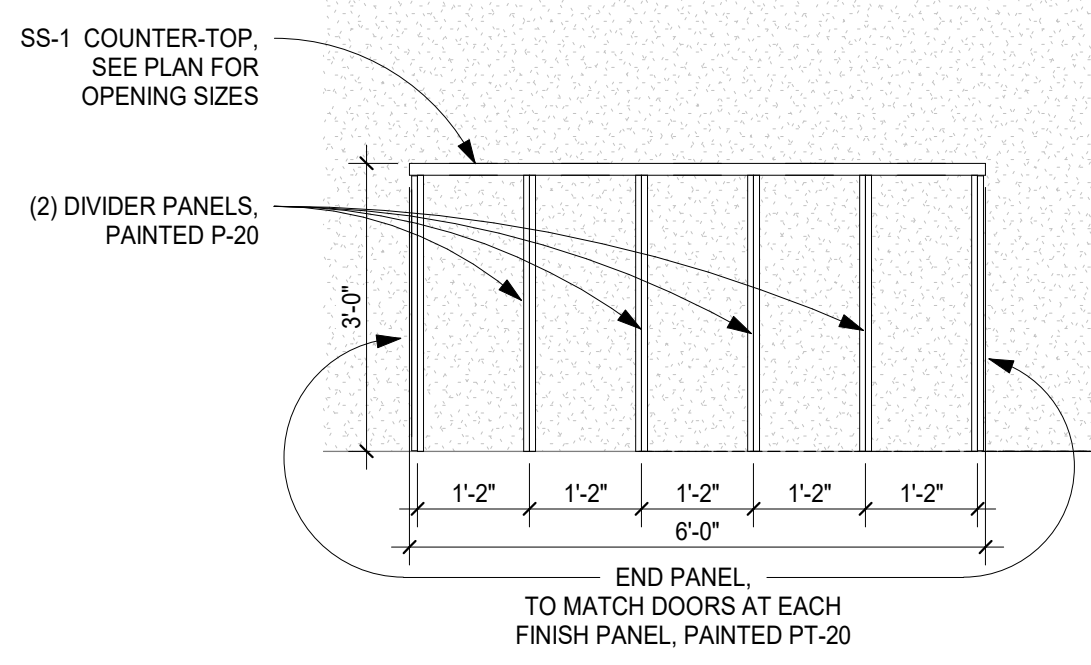
ARCHITECT OF RECORD

DESIGNED BY SKO DRAWN BY SKO PROJECT NUMBER C08792.001 DATE 12/16/21 TITLE KITCHEN MILLWORK @ UNITS C, D, E DRAWING NO. A-712-2

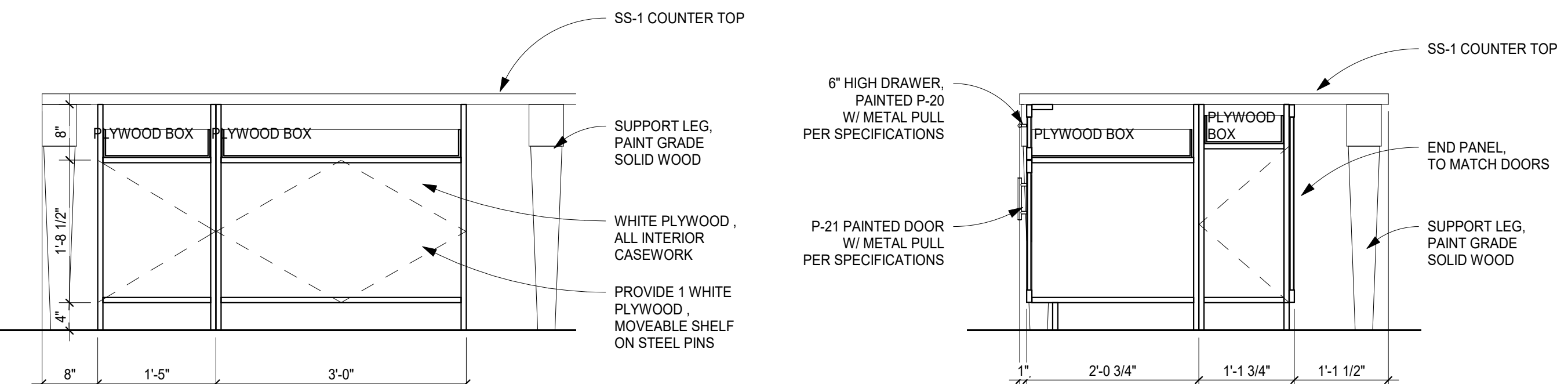
KITCHEN NOTES: 1) THIS LAYOUT APPLIES TO UNITS C, D & E 2) FOR UNITS E & C THIS KITCHEN LAYOUT SHALL BE MIRRORED - PROVIDE SHOP DRAWINGS. 3) ALL EXISTING KITCHEN ROOMS TO BE FIELD VERIFIED PRIOR TO SHOP DRAWINGS. 4) THIS KITCHEN LAYOUT IS MODELED AFTER THE EXISTING KITCHEN IN UNIT 'G'; G.C. TO CONFIRM MILLWORK DIMENSIONS MATCH UNIT 'G' PRIOR TO CREATING SHOP DRAWINGS; BRING ANY DISCREPANCIES TO THE ARCHITECT'S ATTENTION A.S.A.P. 5) ALL MILLWORK HARDWARE TO BE SOFT CLOSURE.



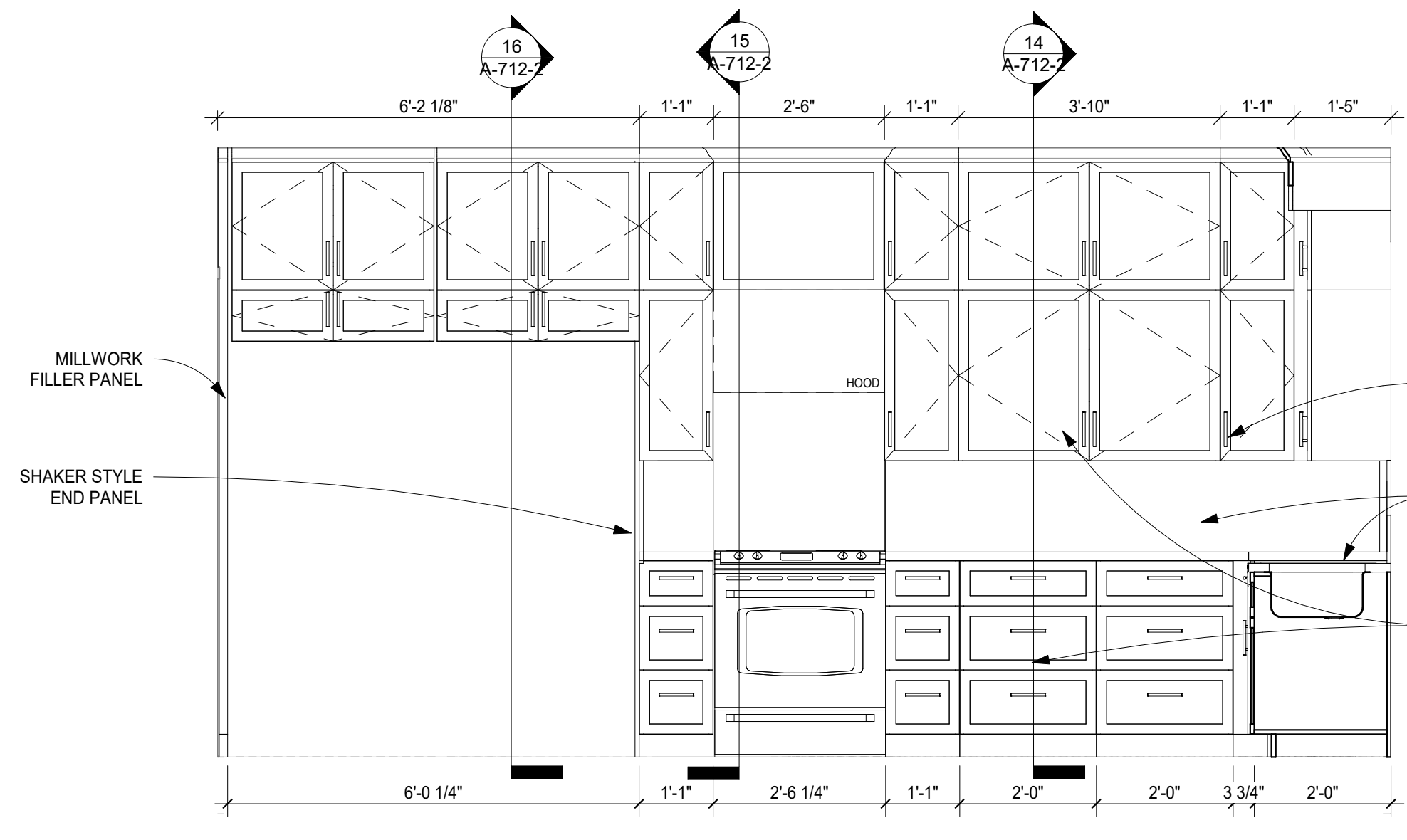
5 Kitchen Island Elev. - Side View - Ph 2 1/2" = 1'-0" 4 Kitchen Island Elev. - Seating Side - Ph 2 1/2" = 1'-0" 3 Kitchen Island Elev. - Kitchen Side - Ph 2 1/2" = 1'-0"



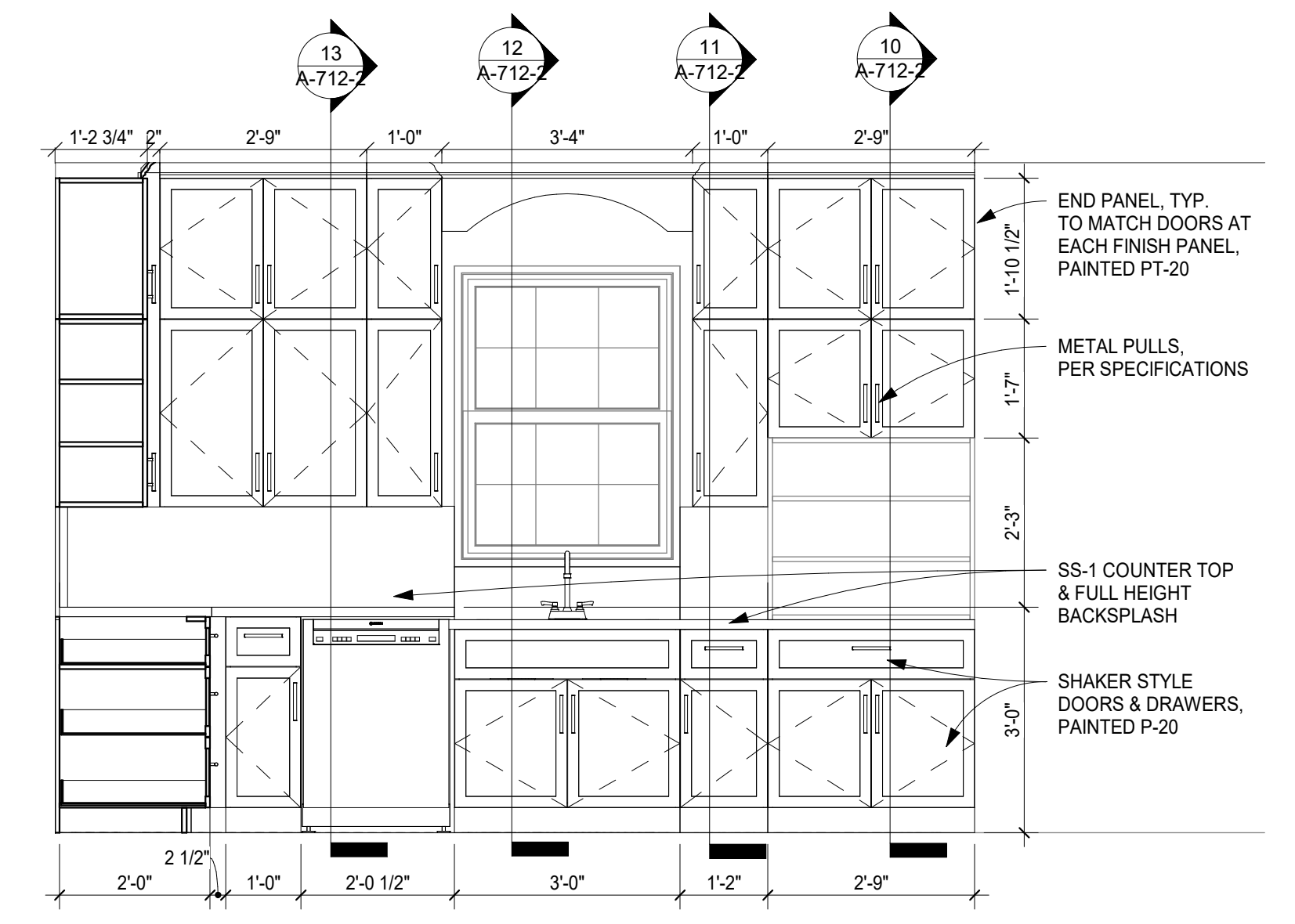
2 Ph 2 - Typ. Elevation at Recycling Center 1/2" = 1'-0"



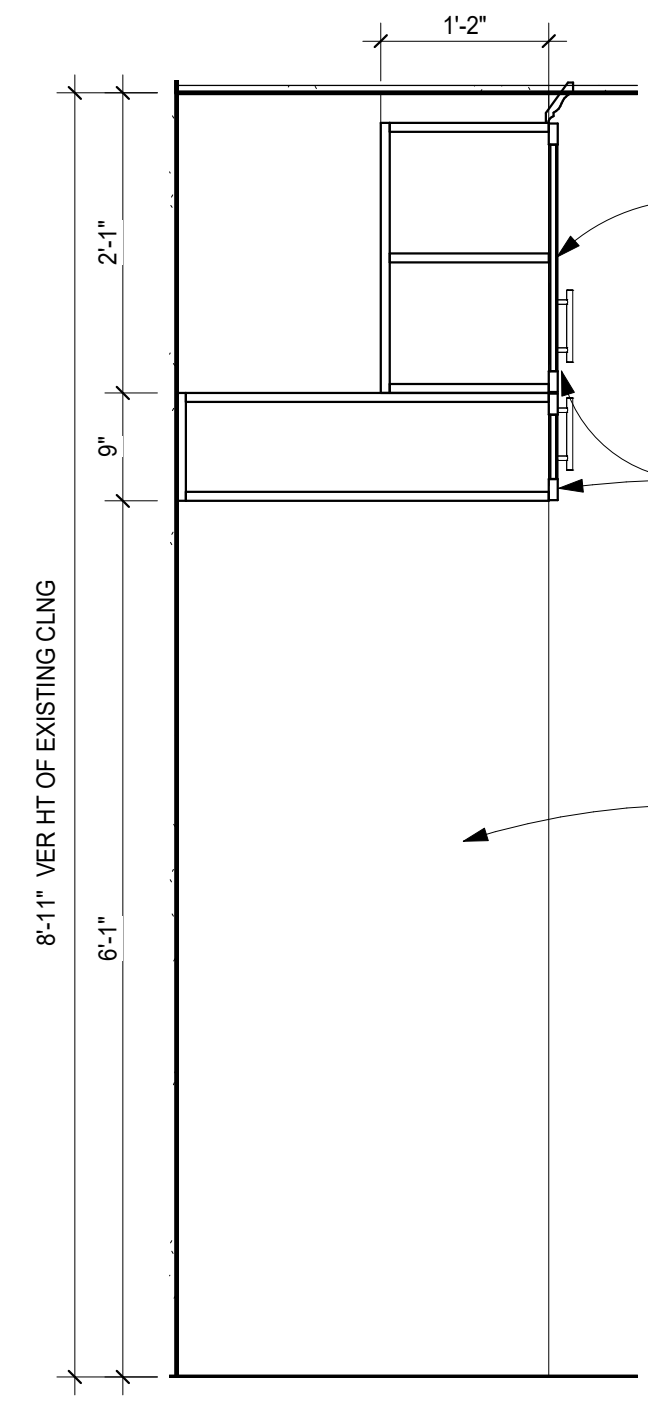
9 Ph 2 - Millwork Section @ Island N-S 3/4" = 1'-0" 8 Ph 2 - Millwork Section @ Island E-W 3/4" = 1'-0"



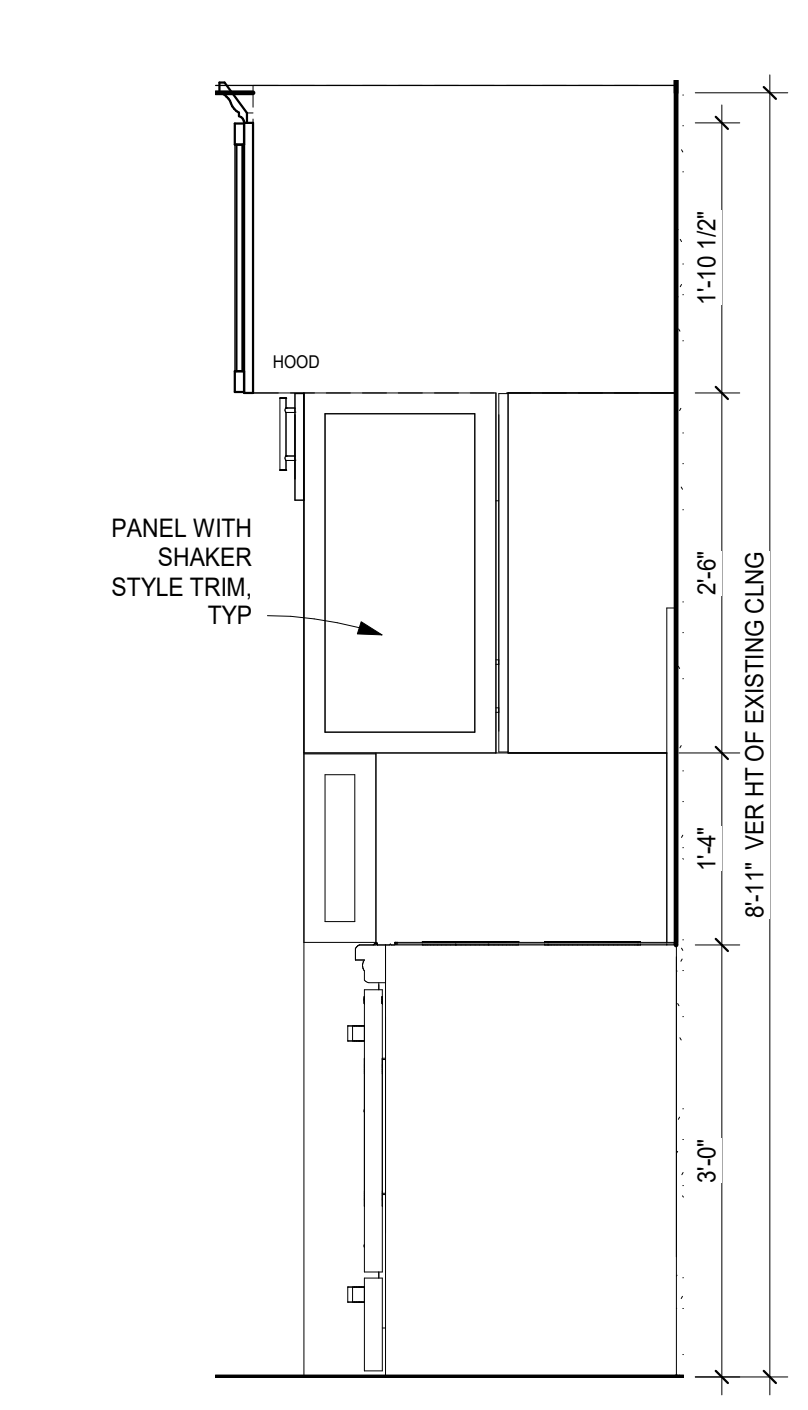
7 Kitchen Millwork Elev. at West Wall - Ph 2 1/2" = 1'-0"



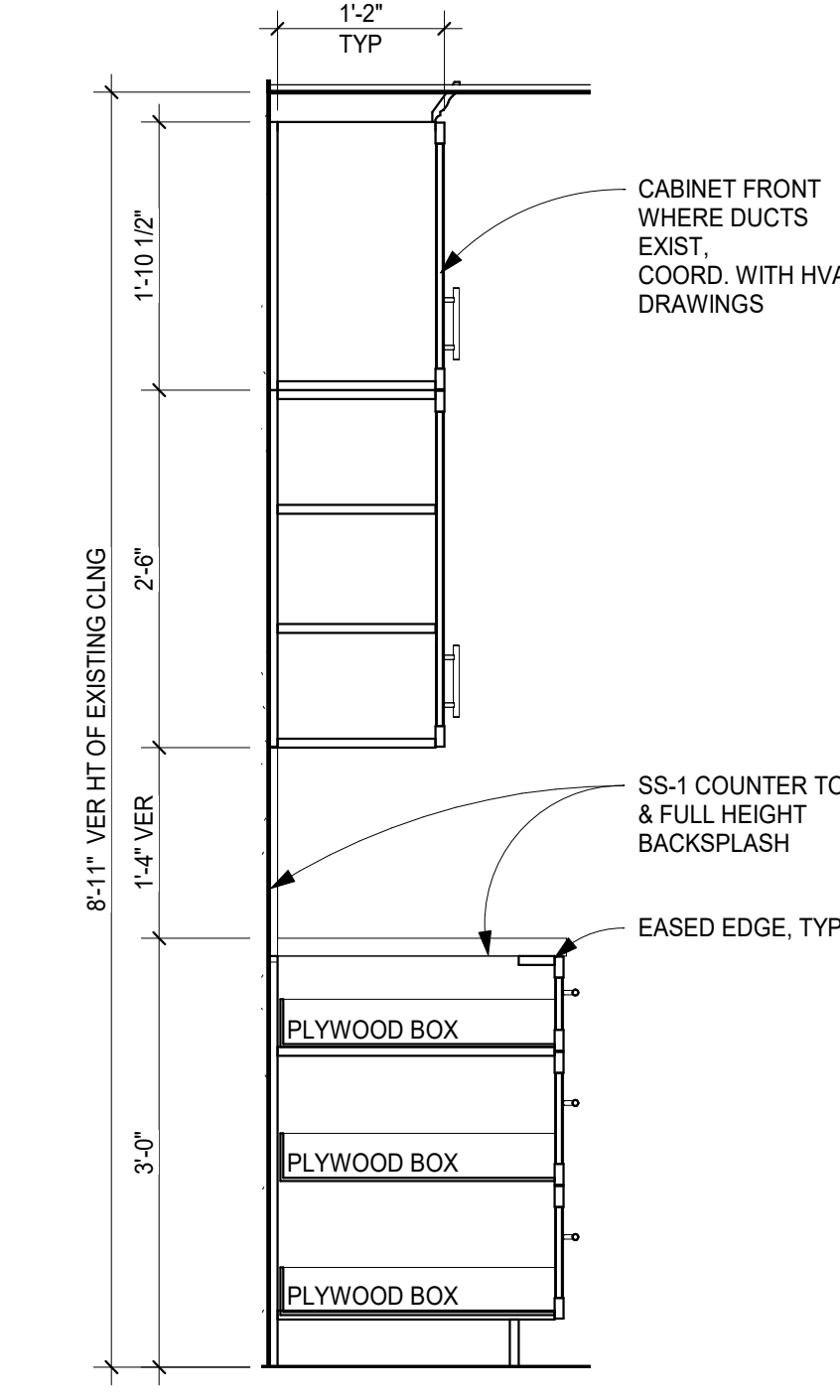
6 Kitchen Millwork Elev. at North Wall - Ph 2 1/2" = 1'-0"



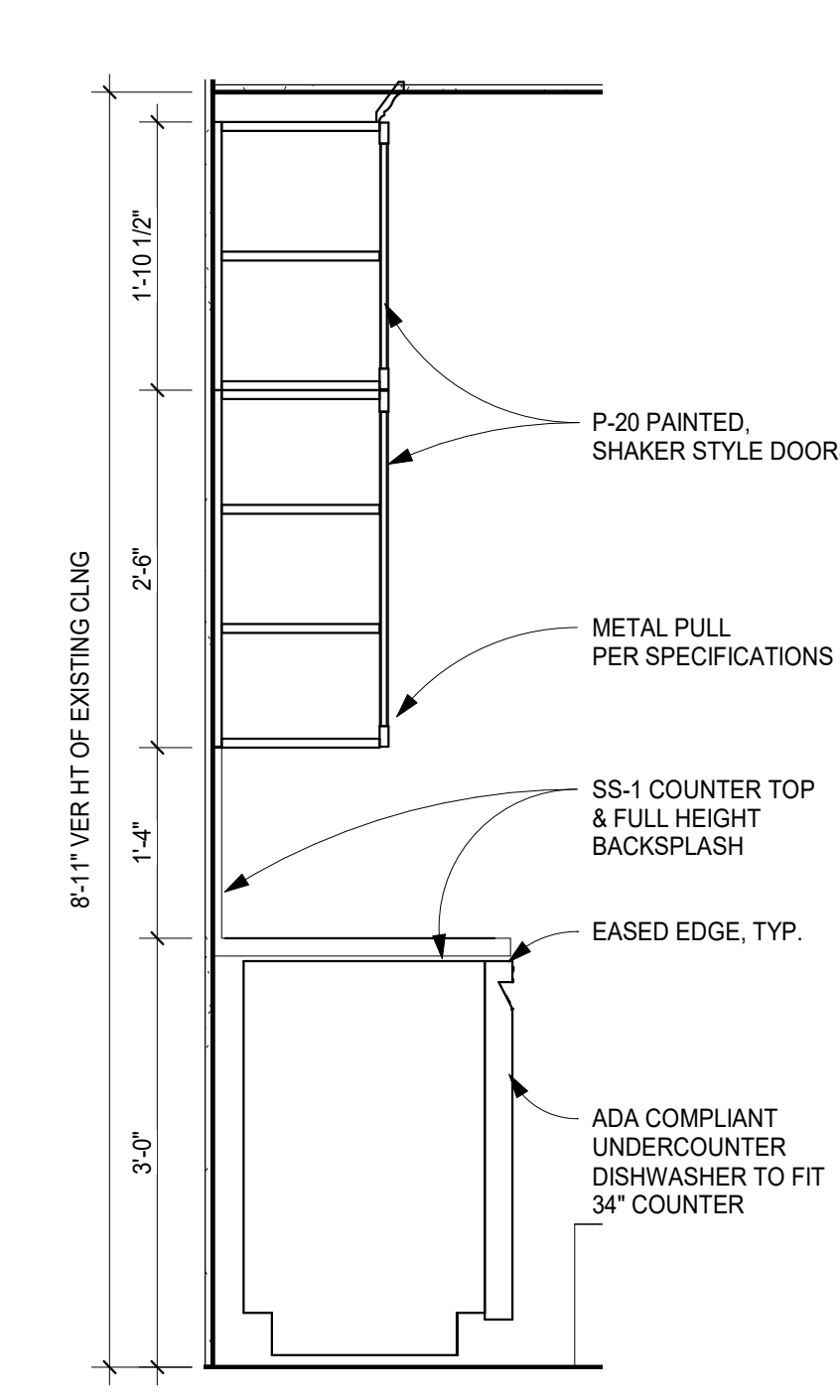
16 Ph 2 - Millwork Section @ Refrigerators 3/4" = 1'-0"



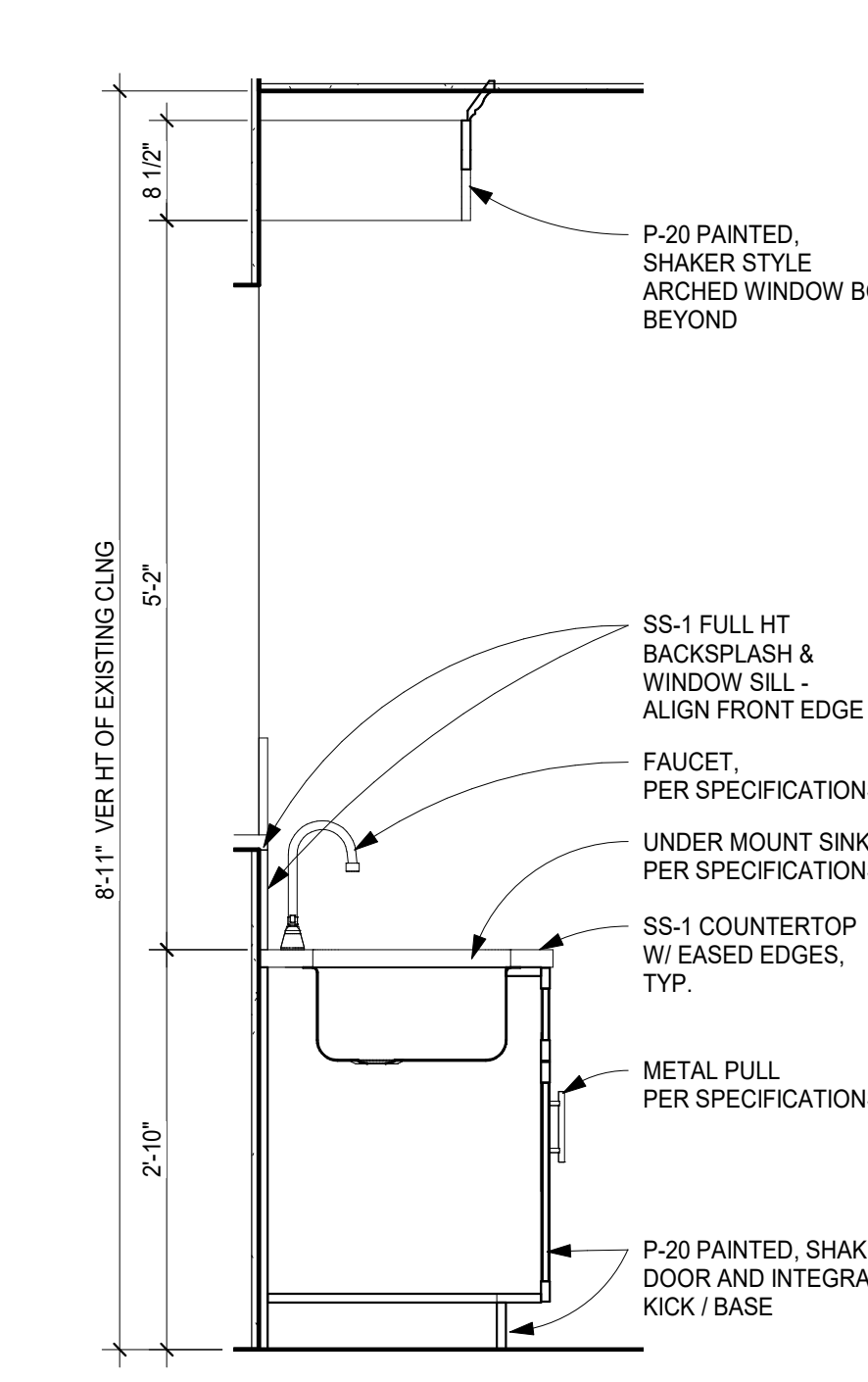
15 Ph 2 - Millwork Section @ Hood 3/4" = 1'-0"



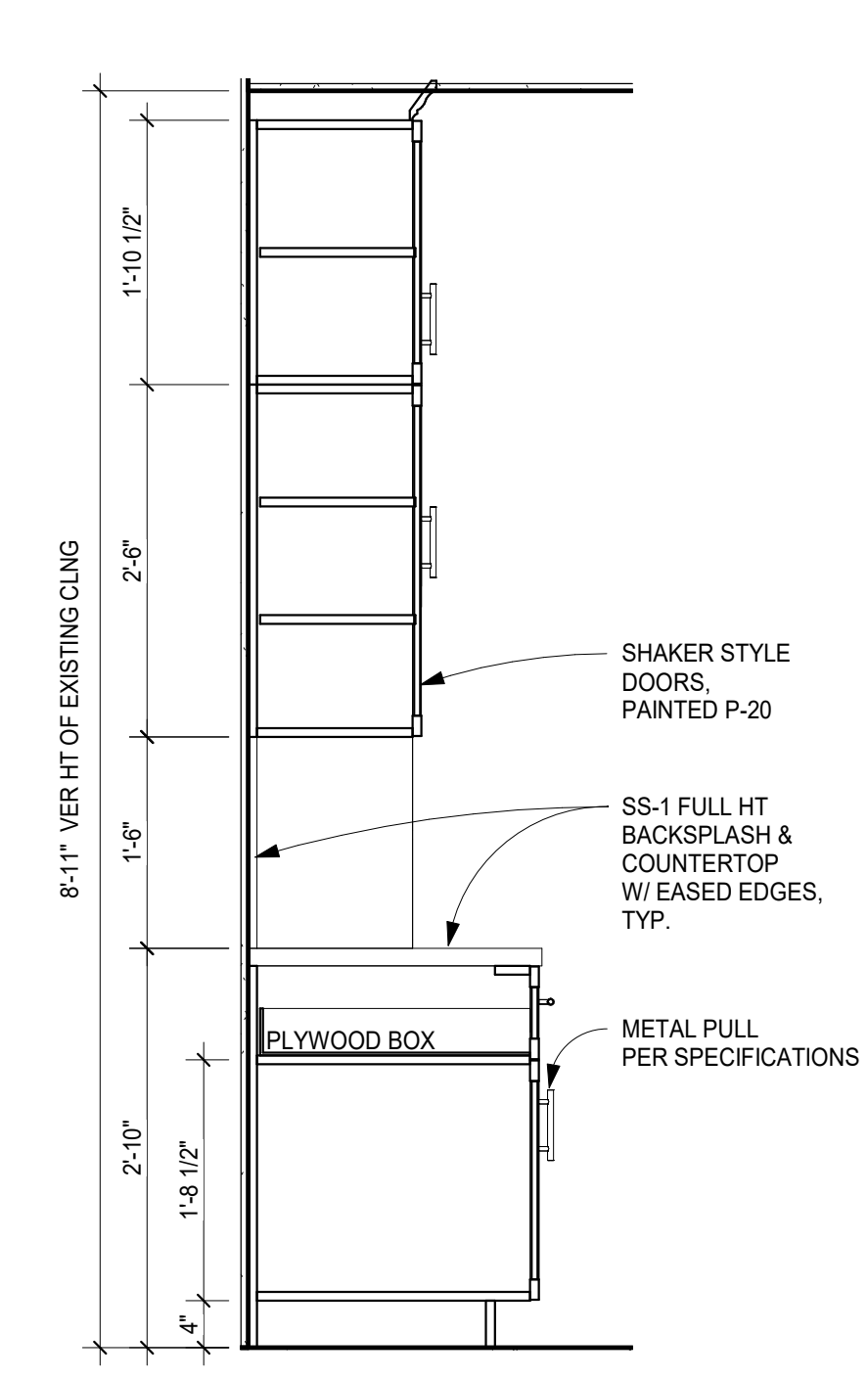
14 Ph 2 - Millwork Section @ Drawers 3/4" = 1'-0"



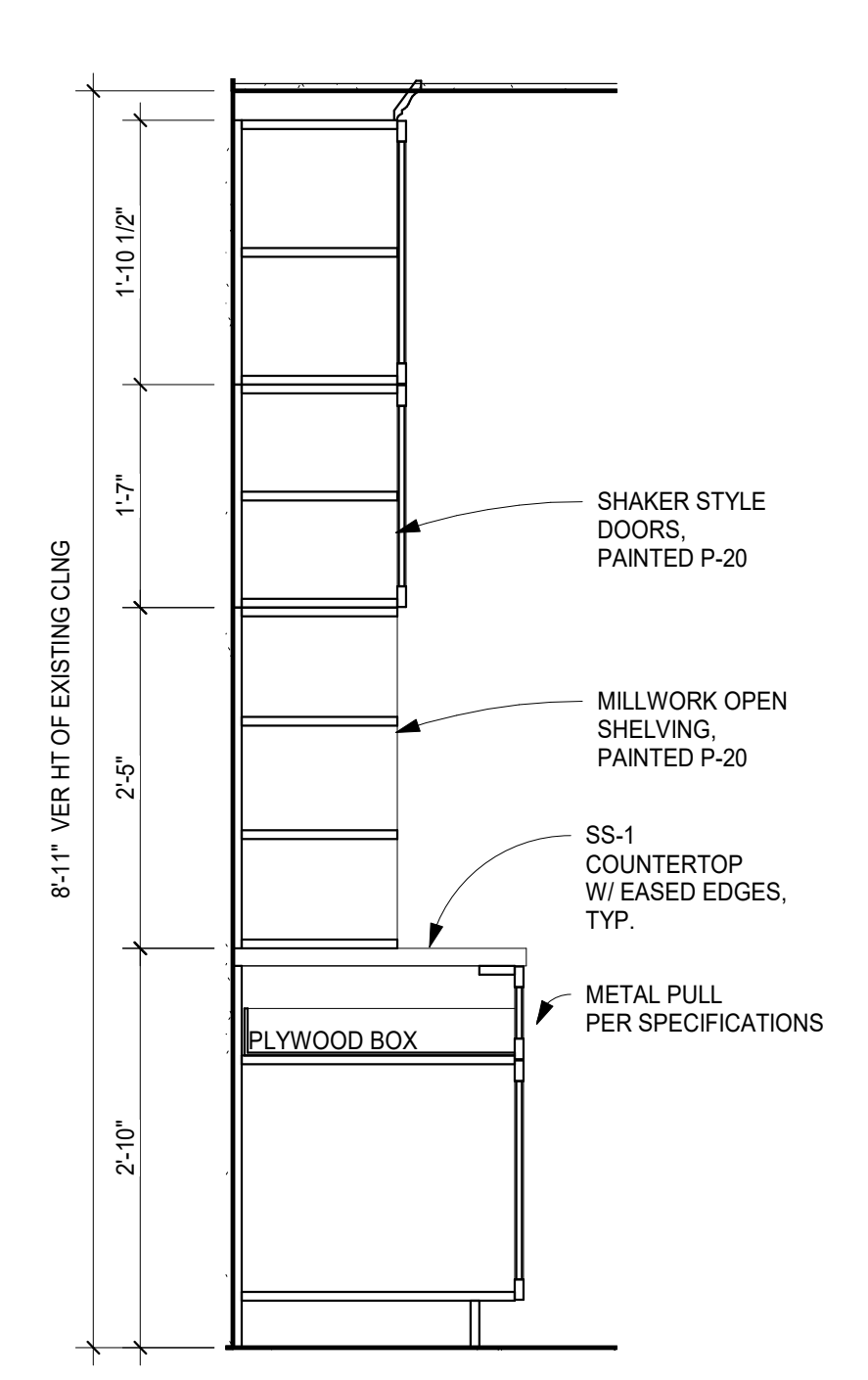
13 Ph 2 - Millwork Section @ Dishwasher 3/4" = 1'-0"



12 Ph 2 - Millwork Section @ Sink 3/4" = 1'-0"



11 Ph 2 - Millwork Section @ Cabinet Door 3/4" = 1'-0"



10 Ph 2 - Millwork Section @ Open Shelving 3/4" = 1'-0"

BRPH 2021/12/16 11:41 AM Emory South Building Revision: C08792.001 - 02021_CENTRAL 2/14/2021 3:17:41 PM



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DOCUMENT HISTORY

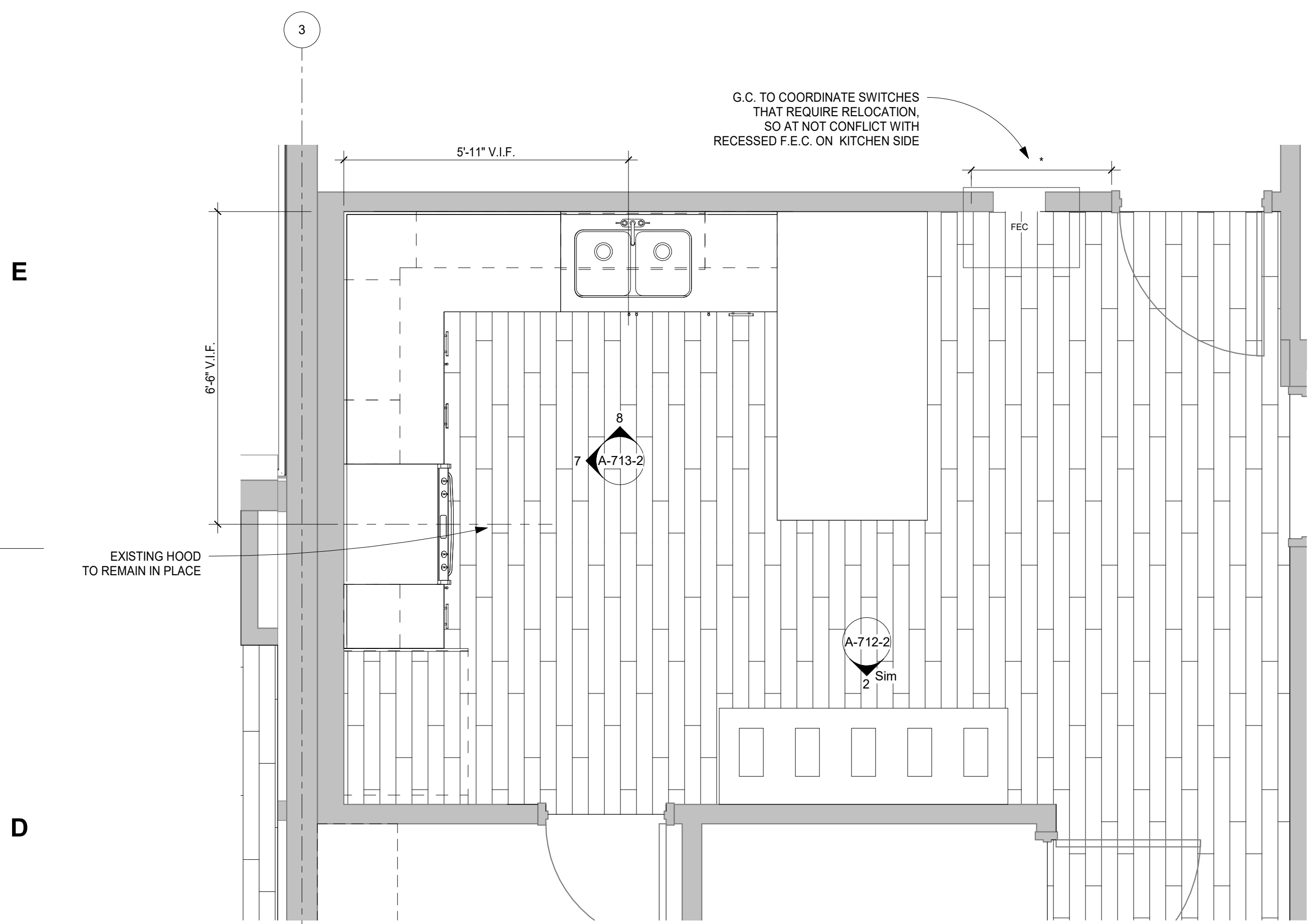
ARCHENGR OF RECORD

DESIGNED BY SKO DRAWN BY SKO PROJECT NUMBER C08792.001 DATE 12/16/21

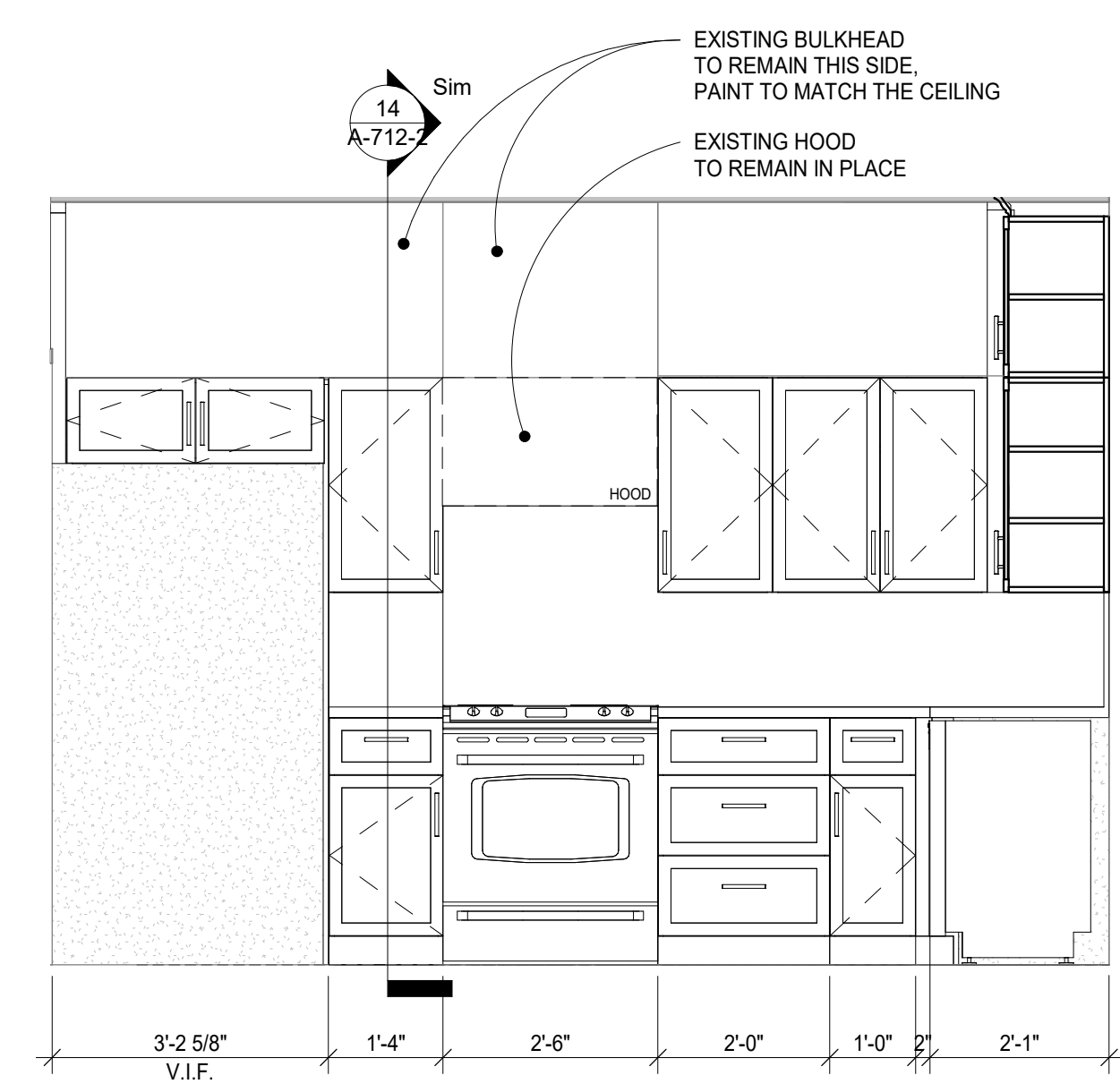
TITLE KITCHEN MILLWORK @ UNITS A & B

DRAWING NO. A-713-2

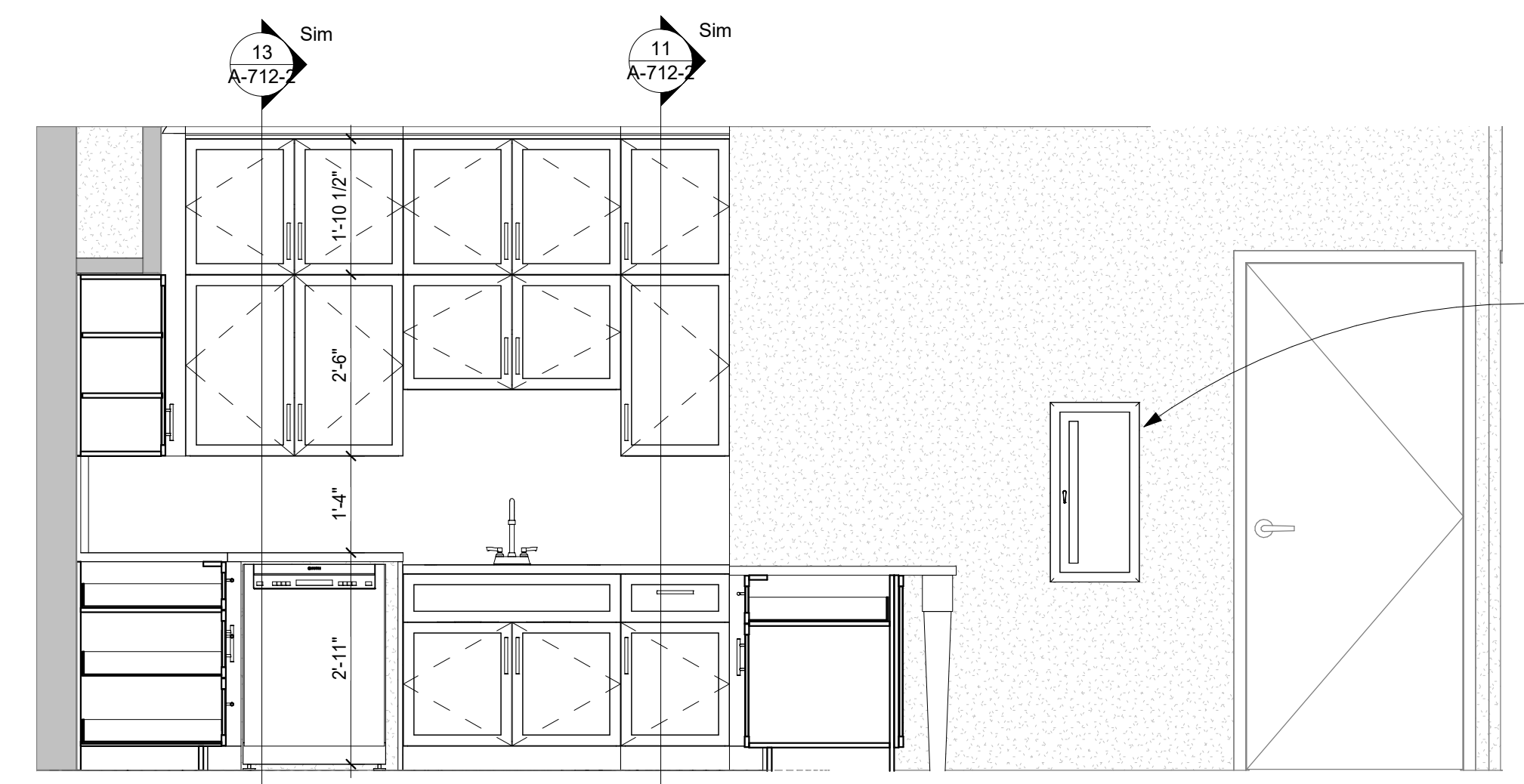
KITCHEN NOTES: 1) ALL EXISTING KITCHEN ROOMS TO BE FIELD VERIFIED PRIOR TO SHOP DRAWINGS. 2) ALL MILLWORK HARDWARE TO BE SOFT CLOSURE. 3) ALL MILLWORK AT KITCHENS 'A' & 'B' TO P-20



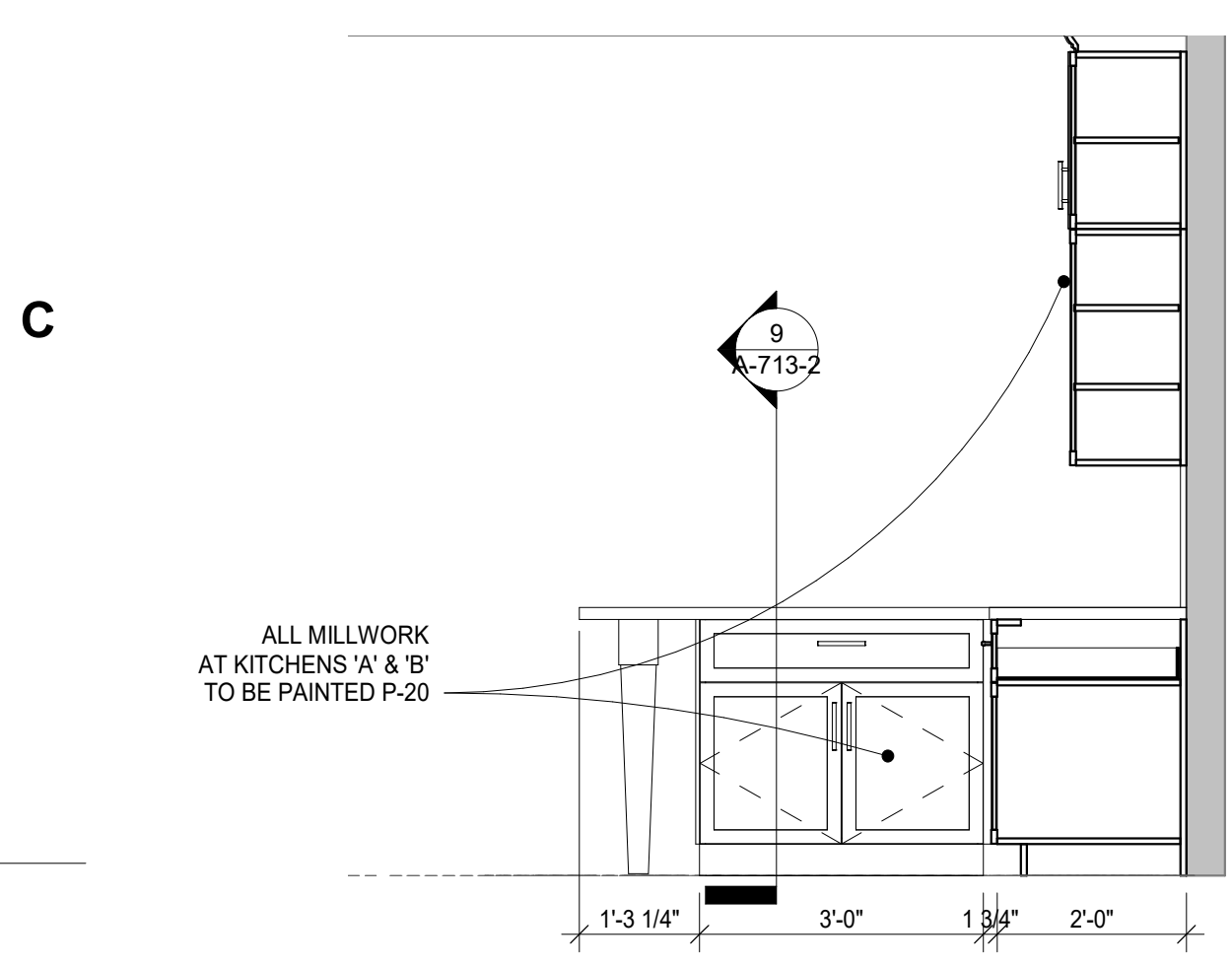
4 Kitchen Enlarged Plan - Unit B 1/2" = 1'-0"



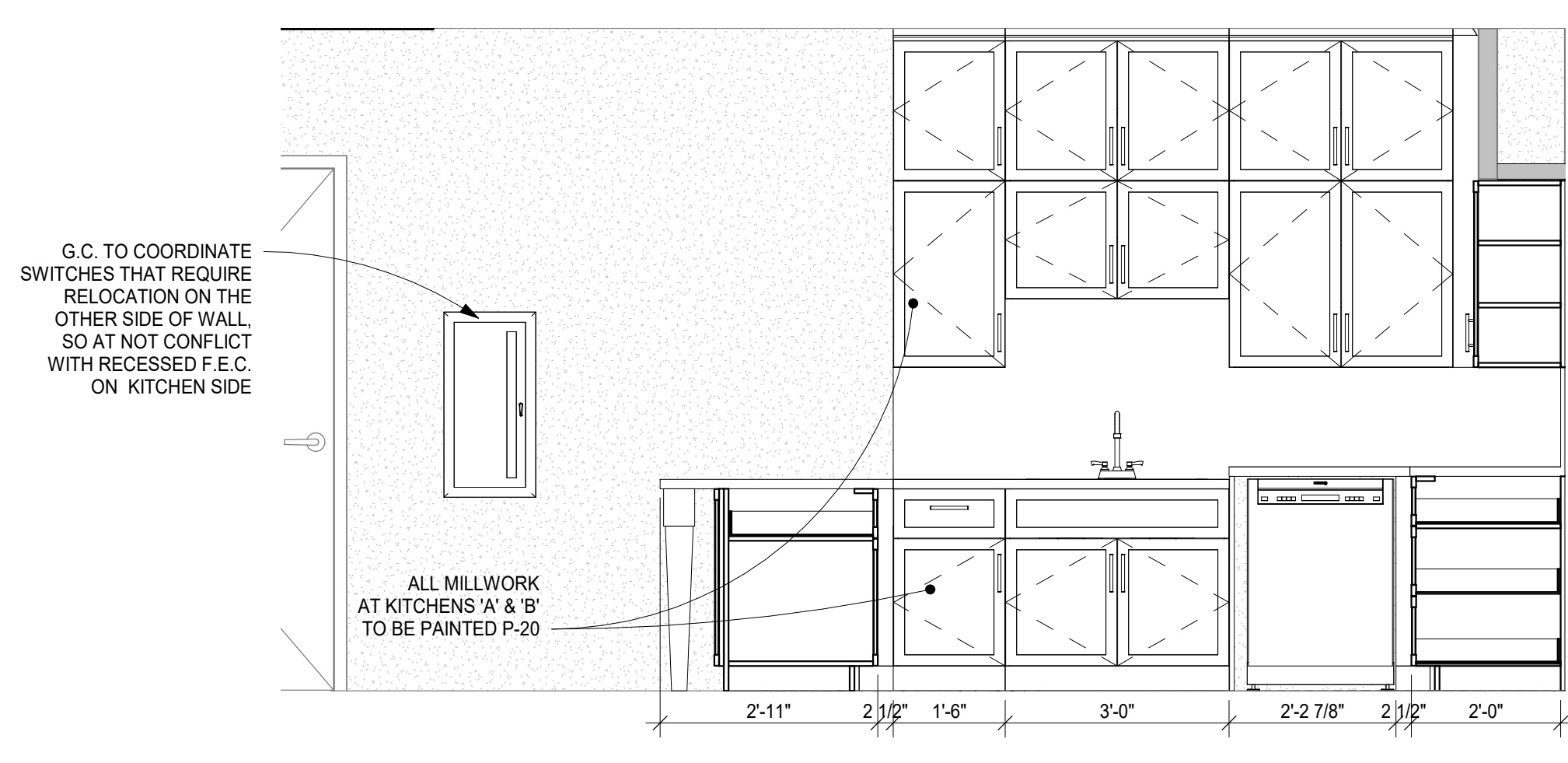
7 Kitchen Elevation (West) @ Unit B 1/2" = 1'-0"



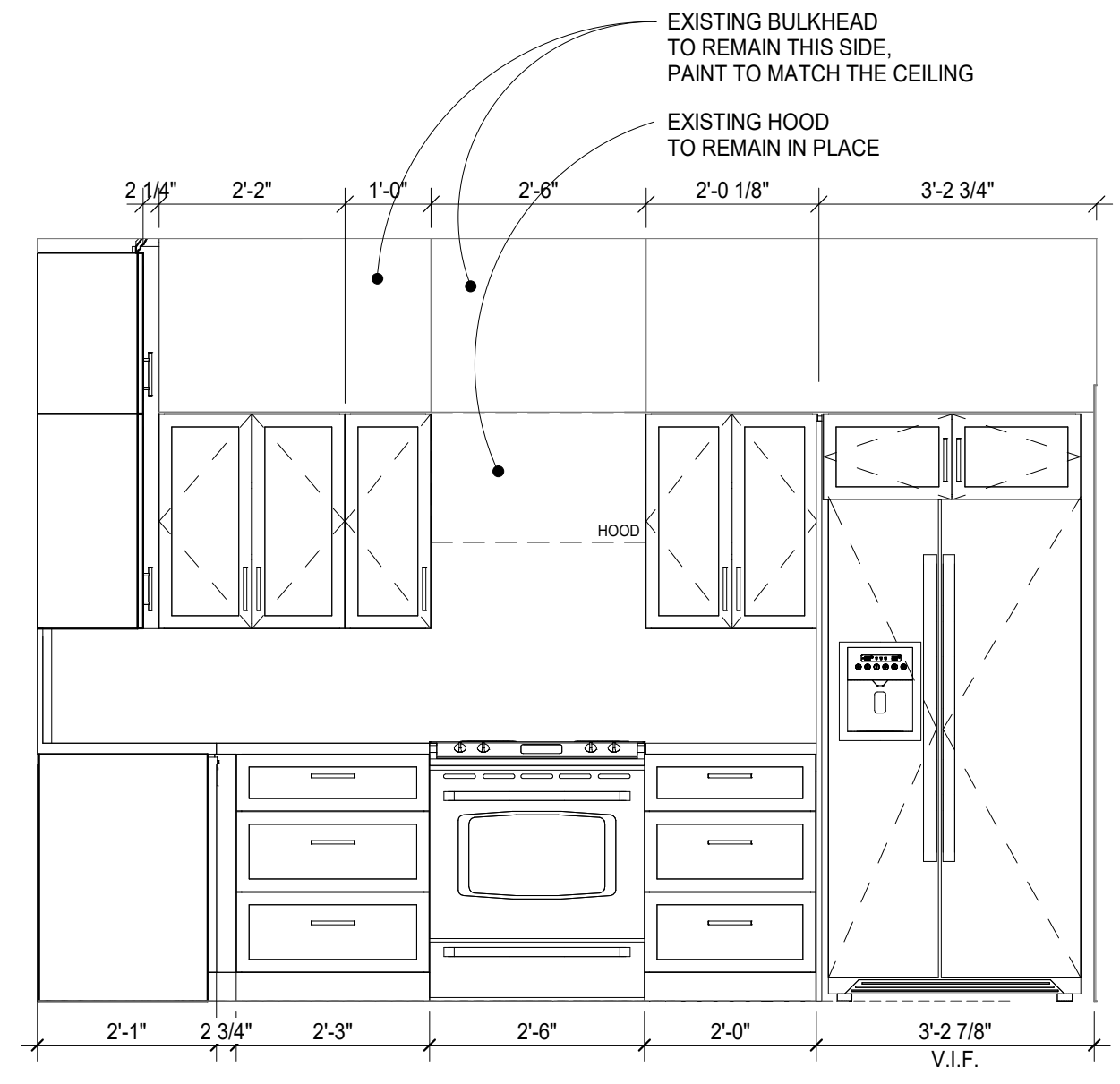
8 Kitchen Elevation (North) @ Unit B 1/2" = 1'-0"



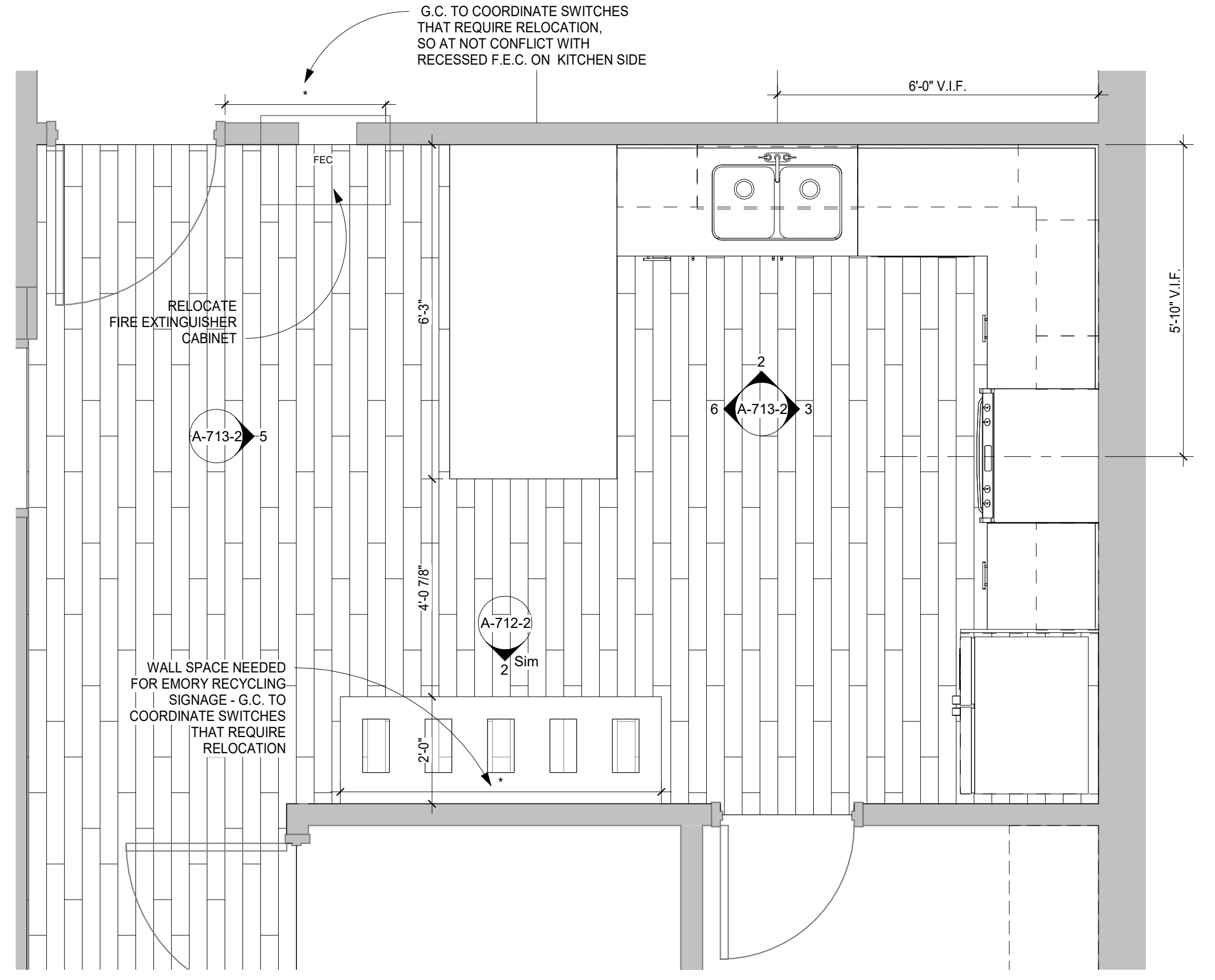
6 Kitchen Elevation @ Peninsula West 1/2" = 1'-0"



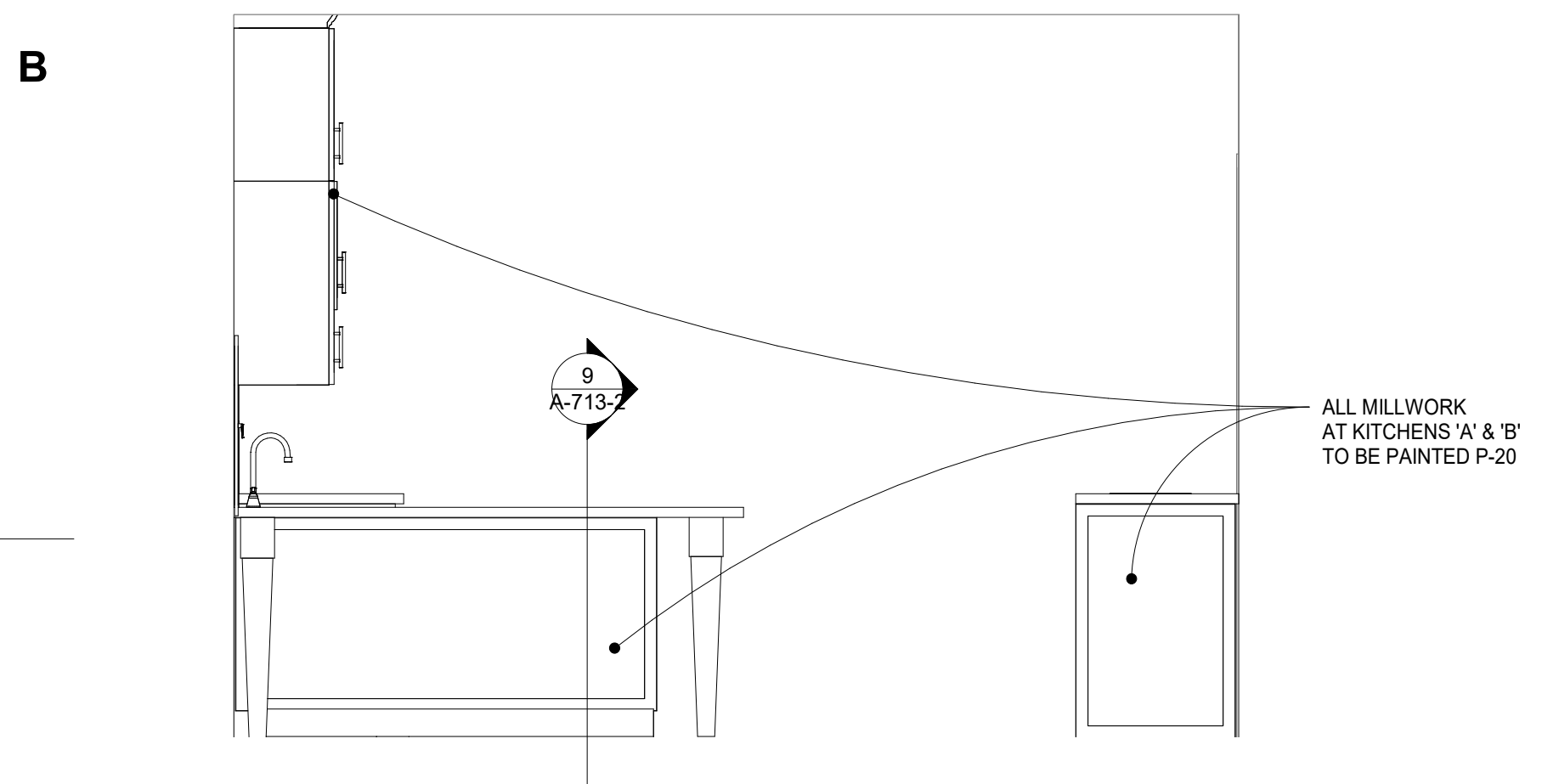
2 Kitchen Elevation (North) @ Unit A 1/2" = 1'-0"



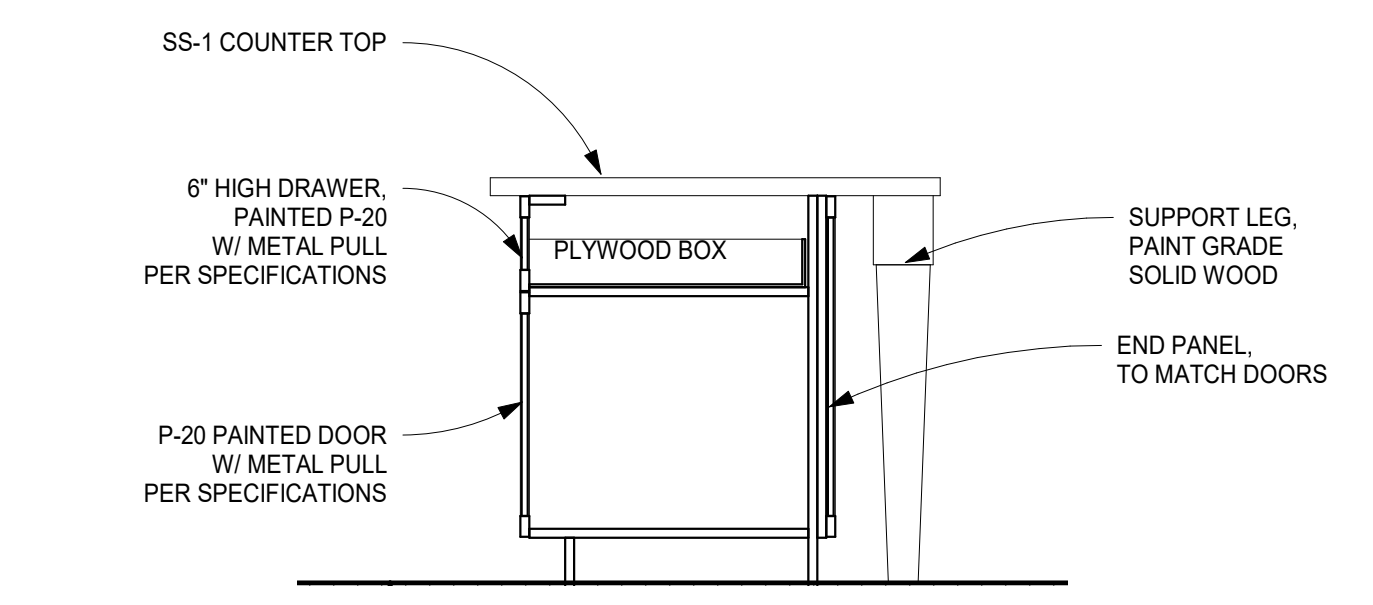
3 Kitchen Elevation (East) @ Unit A 1/2" = 1'-0"



1 Kitchen Enlarged Plan - Unit A 1/2" = 1'-0"



5 Kitchen Elevation @ Peninsula 1/2" = 1'-0"



9 Ph 2 - Millwork Section @ Peninsula 3/4" = 1'-0"

BRPH 12/16/21 12:14:20 PM 12/16/21 3:17:45 PM



EMORY

PROJECT NO: CP200000158

SORORITY RENO. LODGES A-E PHASE 2

11 Eagle Row, Atlanta, GA 30322

NOT FOR
CONSTRUCTION

DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

ARCHITECT OF RECORD

DESIGNED BY
SKO
DRAWN BY
SKO
PROJECT NUMBER
C08792.001
DATE
12/16/21

TITLE
NEW ADA TOILET
@ UNIT B

DRAWING NO.

A-714-2

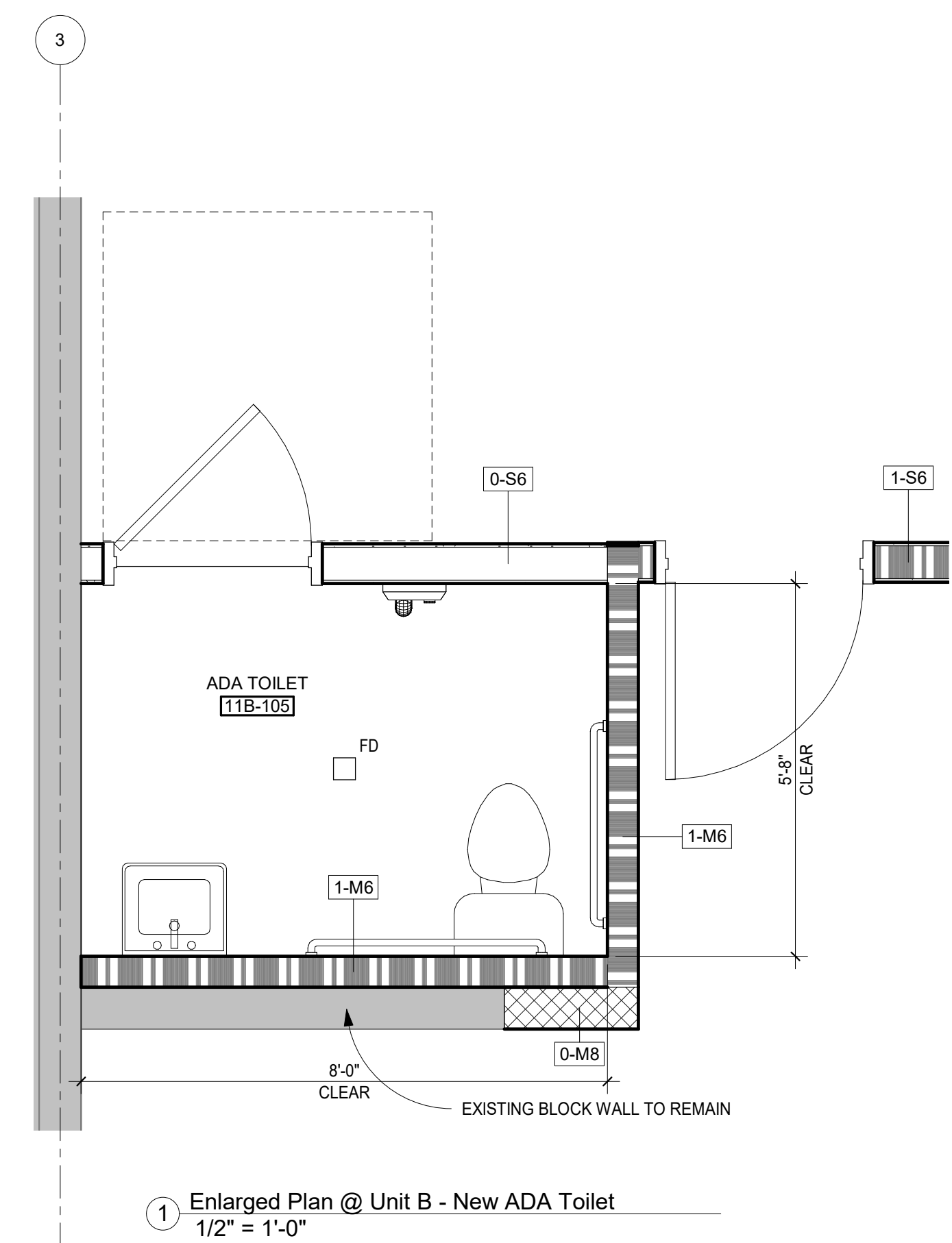
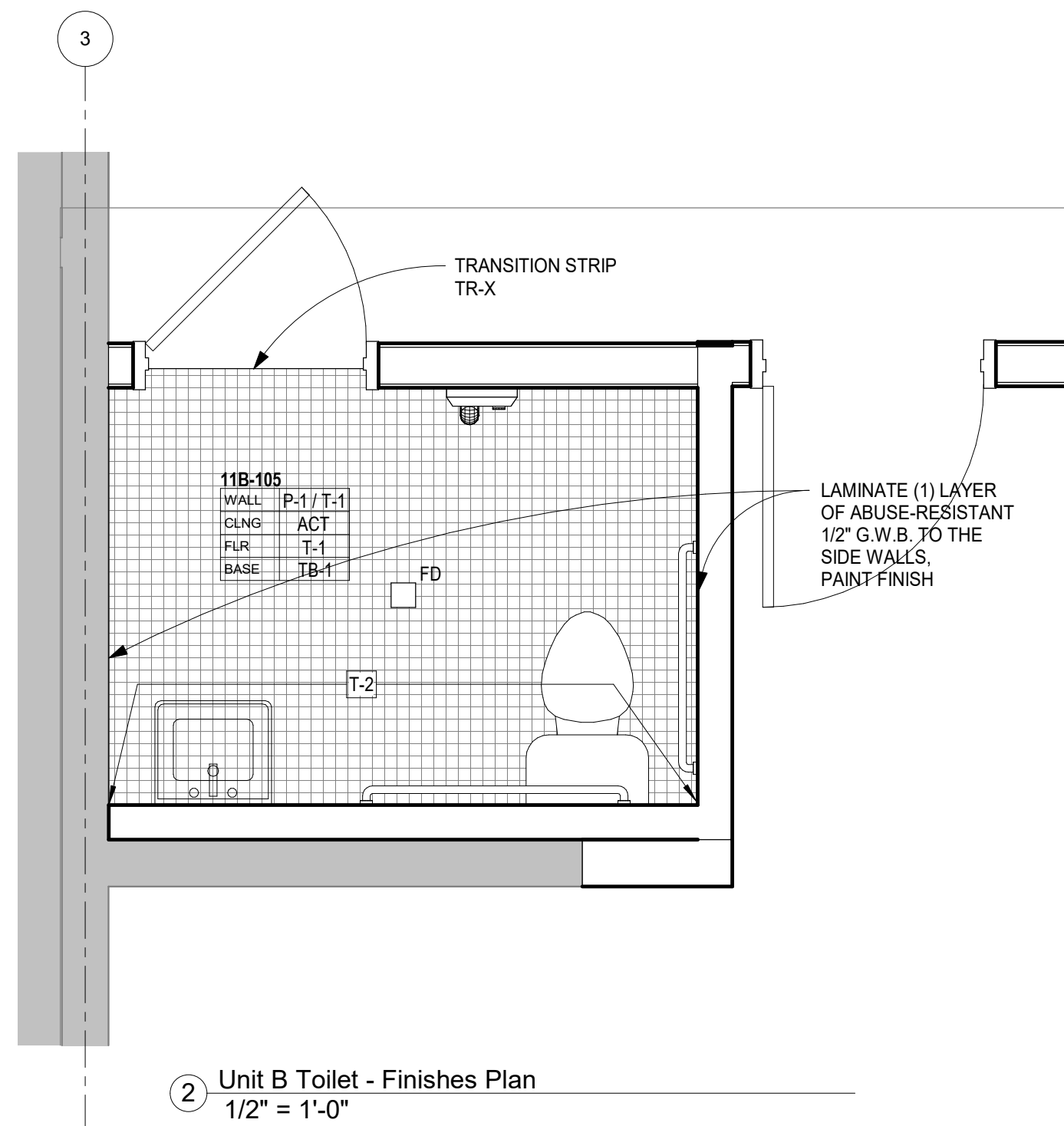
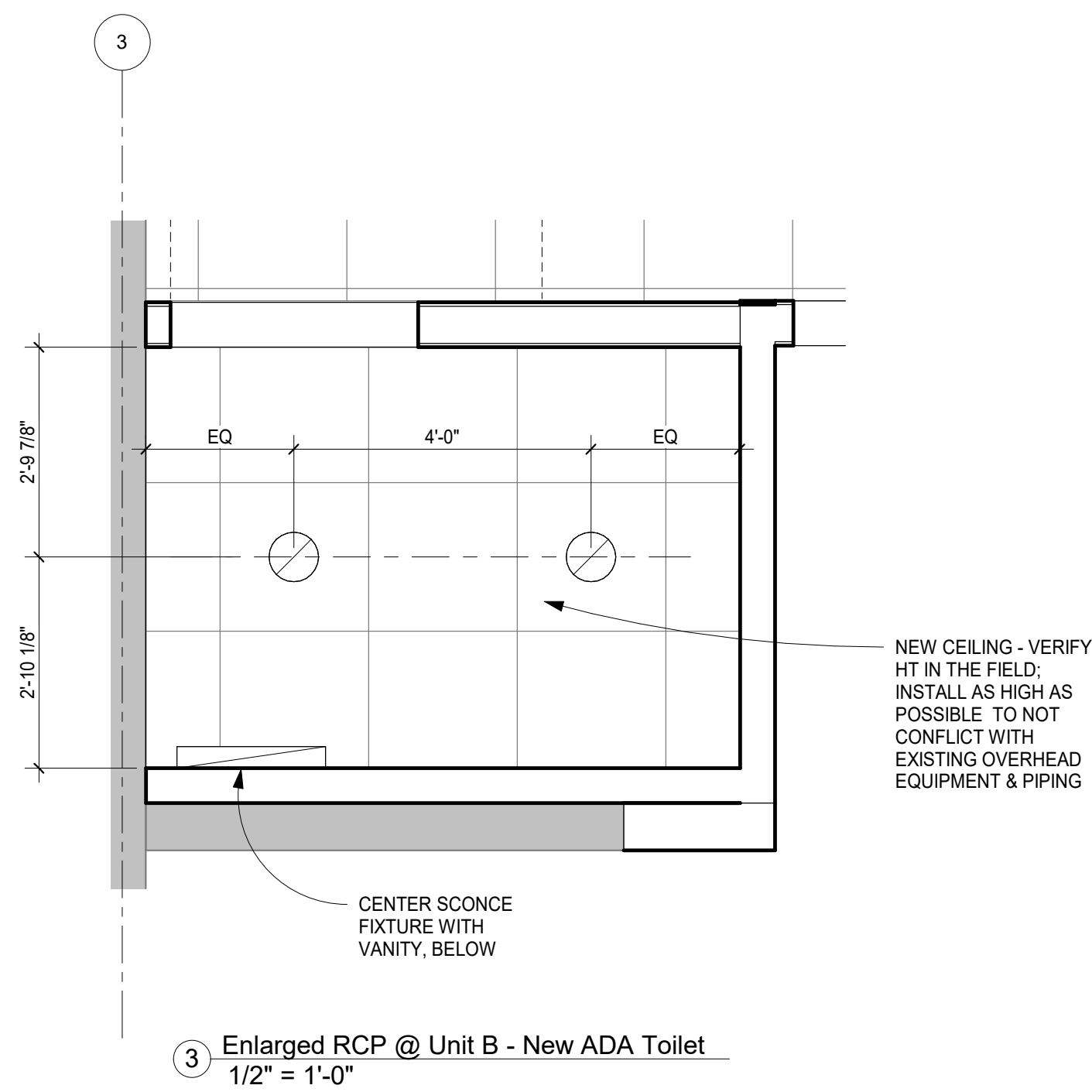
E

D

C

B

A



MECHANICAL DEMOLITION / RELOCATION LEGEND	
"X"	EXISTING MECHANICAL EQUIPMENT, DEVICE AND/OR SYSTEM TO BE SELECTIVELY DEMOLISHED
"XR"	EXISTING MECHANICAL EQUIPMENT TO BE REMOVED, STORED AND RELOCATED.
"XL"	EXISTING MECHANICAL DEVICE OR EQUIPMENT TO BE REMOVED AND TURNED OVER TO OWNER FOR RE-USE
"XT"	RE-LOCATED EXISTING MECHANICAL EQUIPMENT OR DEVICE.
"E"	EXISTING MECHANICAL EQUIPMENT OR DEVICE TO REMAIN

EXAMPLE

X	XR	XT	XL	E
---	----	----	----	---

ABBREVIATIONS	
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
ARCH.	ARCHITECT
AS	AIR SEPARATOR
ATC	AUTOMATIC TEMPERATURE CONTROL
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
CAS	COMBUSTION AIR SUPPLY
CC	COOLING COIL
CFM	CUBIC FEET PER MINUTE
CO	CLEAN OUT
CONN.	CONNECT
CONTR.	CONTRACTOR
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
CV	CONTROL VALVE
DB	DRY BULB TEMPERATURE (°F)
DDC	DIRECT DIGITAL CONTROL
DIA.	DIAMETER
DN	DOWN
DR	DRAIN
DWG	DRAWING
EA	EACH
E.A.	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
ESP	EXTERNAL STATIC PRESSURE
ETR	EXISTING TO BE REMOVED
ETR	EXISTING TO REMAIN
EWT	ENTERING WATER TEMPERATURE
EK	EXISTING
EXH	EXHAUST
FA	FREE AREA
FILA	FULL LOAD AMPS
FLD	FLOOR DRAIN
FPC	FIRE PROTECTION CONTRACTOR
FRM	FEET PER MINUTE
FT	FEET
GAL	GALLONS
GC	GENERAL CONTRACTOR
GE	GENERAL EXHAUST
GPM	GALLONS PER MINUTE
HC	HEATING COIL
HE	HOOD EXHAUST
HP	HORSE POWER
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
IN	INCHES
ID	INSIDE DIAMETER
KE	KITCHEN EXHAUST
KW	KILOWATTS
LAT	LEAVING AIR TEMPERATURE
LD	LOUVERED DOOR
MBH	THOUSANDS OF BRITISH THERMAL UNITS PER HOUR
MEC	MECHANICAL CONTRACTOR
NTS	NOT IN CONTRACT NOT TO SCALE
OA	OUTSIDE AIR
OAT	OUTSIDE AIR TEMPERATURE
OSD	OPPOSED BLADE DAMPER
OD	OUTSIDE DIAMETER
PC	PLUMBING CONTRACTOR
PD	PRESSURE DROP
PSI	POUNDS PER SQUARE INCH
RA	RETURN AIR
RM	ROOM
SA	SUPPLY AIR
SAT	SUPPLY AIR TEMPERATURE
SF	SQUARE FEET
SF	STATIC PRESSURE
SPD	SPEED
SS	STAINLESS STEEL
TSTAT	THERMOSTAT
TYP	TYPICAL
UC	UNDERCUT DOOR
VAV	VARIABLE AIR VOLUME
WB	WET BULB TEMPERATURE (°F)
WMS	WIRE MESH SCREEN

EQUIPMENT TAGS	
EH	EXHAUST HOOD
F	FAN (GENERIC)
FCU	FAN COIL UNIT
HP	HEAT PUMP
LU	LOUVER
MUA	MAKE-UP AIR UNIT

DRAWING NOTES	
SG-A, RG-A or EG-A 10'0", 12'x12" 200 TYP 3	SUPPLY/RETURN/EXHAUST REGISTER OR GRILLE TAG NECK SIZE OR LENGTH IF LINEAR DIFFUSER AIR VOLUME (CFM) QUANTITY
SD-A-# 10'0", 12'x12" 200 TYP 3	SUPPLY DIFFUSER TAG NECK SIZE OR LENGTH IF LINEAR DIFFUSER AIR VOLUME (CFM) QUANTITY
ACCU-1	EQUIPMENT TAG
	REVISION NOTE
	DEMOLITION WORK NOTE
	NEW WORK NOTE
	CONNECT TO EXISTING
	CAP EXISTING
	LIMIT OF DEMOLITION
	ELECTRICAL AREA - THE AREA INDICATED IS AN ELECTRICAL ZONE. DUCTWORK, PIPING, AND SYSTEMS SHALL NOT RUN THROUGH THIS ZONE, EXCEPT PIPES, DUCTS, AND EQUIPMENT DEDICATED TO SERVE THE ZONE ARE ALLOWED. COORDINATE WITH ELECTRICAL CONTRACTOR AND COMPLY WITH ALL CODE CLEARANCE REQUIREMENTS.

PIPING LEGEND	
	RS REFRIGERANT SUCTION
	RL REFRIGERANT LIQUID
	RHG REFRIGERANT HOT GAS
	CD A.C. CONDENSATE DRAIN
	E EXISTING PIPING TO REMAIN
	X PIPING TO BE REMOVED
	PIPE OFF BOTTOM
	PIPE OFF TOP
	RUN-OUT OFF TOP
	RUN-OUT OFF BOTTOM
	BRANCH CONNECTION (DIRECTION TO BE FIELD DETERMINED)
	PIPE UP
	PIPE DOWN
	DIRECTION OF FLOW
	PIPE BREAK
	DRAIN PIPE PITCH AND FLOW
	C.O. CLEAN OUT

DUCTWORK LEGEND	
	RECTANGULAR DUCTWORK - FIRST DIMENSION IS SIDE SHOWN (IN.)
	ROUND DUCTWORK - DIMENSION IS DUCT DIAMETER (IN.)
	EXISTING DUCTWORK TO REMAIN
	EXISTING DUCTWORK TO BE DEMOLISHED
	RECTANGULAR SUPPLY DUCTWORK UP
	RECTANGULAR SUPPLY DUCTWORK DOWN
	RECTANGULAR RETURN/EXHAUST DUCTWORK UP
	RECTANGULAR RETURN/EXHAUST DUCTWORK DOWN
	ROUND DUCTWORK UP
	ROUND DUCTWORK DOWN
	BEAM PENETRATION BY DUCTWORK
	CAPPED DUCTWORK
	ACOUSTICALLY LINED DUCTWORK
	FLEXIBLE CONNECTION
	RECTANGULAR TRANSITION
	RECTANGULAR TO ROUND DUCTWORK TRANSITION
	MITERED ELBOW WITH TURNING VANES
	1/2" WIRE MESH SCREEN (ON OPEN END DUCT)

GENERAL NOTES	
1.	MECHANICAL WORK IS INDICATED DIAGRAMMATIC. EXACT LOCATIONS OF ALL COMPONENTS ARE TO BE DETERMINED IN THE FIELD (SPACING SUBJECT TO ARCHITECT'S REVIEW AND APPROVAL) TO AVOID CONFLICT WITH OTHER TRADES AND EXISTING SITE CONDITIONS.
2.	THE CONTRACTOR SHALL VISIT AND CAREFULLY EXAMINE THE SITE TO IDENTIFY EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT THE WORK OF THIS SECTION. REPORT IN WRITING TO THE ARCHITECT CONDITIONS WHICH MIGHT ADVERSELY AFFECT WORK. NO EXTRA PAYMENT WILL BE PROVIDED FOR ADDITIONAL WORK CAUSED BY UNFAMILIARITY WITH SITE CONDITIONS THAT ARE VISIBLE OR READILY CONSTRUED BY AN EXPERIENCED OBSERVER.
3.	WORK REQUIRING INTERRUPTION OF BUILDING SERVICES SHALL BE CAREFULLY REVIEWED AND COORDINATED WITH THE OWNER TO MINIMIZE FREQUENCY AND DURATION OF SERVICE INTERRUPTIONS.
4.	REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF CEILING GRID, DIFFUSERS, AND GRILLES.
5.	ALL INSTALLATIONS SHALL PERMIT AND PROVIDE ACCESSIBILITY FOR SERVICE AND REPLACEMENT OF ALL NEW EQUIPMENT AND EXISTING EQUIPMENT IMPACTED BY THIS WORK.
6.	ALL MECHANICAL EQUIPMENT, PIPING, AND DUCTWORK SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF GOVERNING LOCAL, STATE, AND FEDERAL SEISMIC CODES. PARTICULAR ATTENTION SHALL BE MADE TO VIBRATION ISOLATION, ANCHORING, AND BALANCING REQUIREMENTS.
7.	ALL DUCTWORK SHALL BE INSTALLED IN ACCORDANCE WITH CODES AND STANDARDS SET FORTH IN NFPA, SMACNA, AND ASHRAE FOR LOW PRESSURE DUCTWORK SYSTEMS.
8.	ALL DUCTS, PIPES, AND EQUIPMENT SHALL BE INDEPENDENTLY SUPPORTED FROM THE BUILDING STRUCTURE WITH PROPER ALLOWANCES FOR CONTRACTION, EXPANSION, AND VIBRATION ELIMINATION.
9.	ROOM THERMOSTATS SHALL BE MOUNTED 4'-0" ABOVE FINISHED FLOOR UNLESS OTHERWISE SHOWN OR DIRECTED. COORDINATE LOCATIONS WITH ARCHITECTURAL WALL PROTECTIONS.
10.	ALL DUCT DIMENSIONS SHOWN ARE INSIDE CLEAR FREE AREA REQUIRED.
11.	ALL PIPING IS TO BE SLOPED A MINIMUM OF 1/4" PER HUNDRED FEET IN THE DIRECTION OF DRAINAGE.
12.	NOT ALL SYMBOLS OR ABBREVIATIONS ARE USED ON THIS PROJECT.
13.	COORDINATE ENTIRE INSTALLATION WITH THE WORK OF ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATIONS.

DEMOLITION GENERAL NOTES	
1.	CONTRACTOR SHALL VISIT SITE AND IDENTIFY EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT WORK OF THIS SECTION. NO COMPENSATION WILL BE GRANTED FOR ADDITIONAL WORK CAUSED BY UNFAMILIARITY WITH SITE CONDITIONS THAT ARE VISIBLE OR READILY CONSTRUED BY EXPERIENCED OBSERVERS.
2.	PRIOR TO COMMENCING WORK OF THIS SECTION, EXAMINE SITE AND CONDITIONS UNDER WHICH WORK WILL BE PERFORMED. DETERMINE EXACT LOCATIONS OF EXISTING EQUIPMENT, PIPING AND CONTROLS. REPORT TO OWNER ANY CONDITIONS THAT MIGHT ADVERSELY AFFECT WORK. COMMENCEMENT OF WORK SHALL BE CONSTRUED AS COMPLETE ACCEPTANCE OF EXISTING CONDITIONS AND PREPARATORY WORK.
3.	ABANDONING OF DUCTWORK, PIPING OR EQUIPMENT IN PLACE SHALL NOT BE ALLOWED. COMPLETE REMOVAL REQUIRED UNLESS NOTED OTHERWISE.
4.	PIPING TO BE REMOVED: REMOVE PORTION OF PIPING INDICATED TO BE REMOVED AND CAP REMAINING PIPING WITH SAME OR COMPATIBLE PIPING MATERIAL.
5.	DUCTS TO BE REMOVED: REMOVE PORTION OF DUCTS INDICATED TO BE REMOVED AND CAP REMAINING DUCTS WITH SAME OR COMPATIBLE DUCTWORK MATERIAL.
6.	EQUIPMENT TO BE REMOVED: DISCONNECT AND CAP SERVICES AND REMOVE EQUIPMENT.
7.	EQUIPMENT TO BE REMOVED AND SALVAGED: DISCONNECT AND CAP SERVICES AND REMOVE EQUIPMENT AND DELIVER TO OWNER.
8.	COMPLY WITH ALL STATE AND LOCAL CODES AS TO REMOVAL AND DISPOSAL OF EQUIPMENT REMOVED FROM THE SITE.
9.	COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE BEGINNING SELECTIVE DEMOLITION.
10.	REMOVE PREVIOUSLY ABANDONED WORK IN THE WAY OF EXISTING CONSTRUCTION, OR AS NOTED.
11.	COMPLY WITH HANSJ A10.6 (SAFETY REQUIREMENTS FOR DEMOLITION OPERATIONS) AND NFPA 241 (STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS).
13.	PERMITS: GIVE ALL REQUIRED NOTICES, FILE ALL REQUIRED PLANS AND SPECIFICATIONS RELATING TO THE WORK OF THIS SECTION WITH THE PROPER AUTHORITIES AND PAY FOR ANY REQUIRED PERMITS.
14.	ALL AIR-CONDITIONING EQUIPMENT AND SYSTEMS SHALL BE REMOVED WITHOUT RELEASING REFRIGERANTS. REFRIGERANT RECOVERY IS TO BE PERFORMED BY A REFRIGERANT RECOVERY TECHNICIAN CERTIFIED BY AN EPA-APPROVED CERTIFICATION PROGRAM.
15.	ALL EQUIPMENT AND SYSTEMS TO BE DEMOLISHED UNDER THIS SECTION AND NOT DESIRED BY OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR SHALL REMOVE ALL SUCH EQUIPMENT FROM THE SITE PROMPTLY AFTER DETACHMENT FROM BUILDING STRUCTURE.
16.	STORAGE OR SALE OF REMOVED ITEMS OR MATERIALS ON-SITE IS NOT PERMITTED.
17.	IT IS UNKNOWN WHETHER HAZARDOUS MATERIALS WILL BE ENCOUNTERED IN THE WORK. IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY ARCHITECT AND OWNER.
18.	EXISTING PIPING SHOWN ON DRAWINGS DOES NOT INDICATE FULL EXTENT OF PIPING DEMOLITION. FIELD VERIFICATIONS REQUIRED.

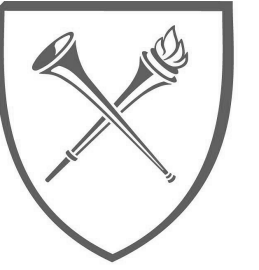
CONTROL LEGEND	
	HEAT/COOL THERMOSTAT
	HUMIDITY SENSOR
	CO2 SENSOR
	SPACE PRESSURE SENSOR
	DUCT STATIC PRESSURE SENSOR
	CONTROL LINE

DAMPERS	
	ACD MOTORIZED OR AUTOMATIC CONTROL DAMPER
	VOLUME DAMPER

HVAC SHEET INDEX	
Sheet Number	Sheet Name
M-000-2	HVAC LEGENDS, NOTES, AND INDEX
M-111-2	HVAC LEVEL 1 DEMOLITION PLAN
M-112-2	HVAC LEVEL 2 DEMOLITION PLAN
M-113-2	HVAC LEVEL 3 DEMOLITION PLAN
M-114-2	HVAC LEVEL 4 DEMOLITION PLAN
M-115-2	HVAC LEVEL 5 DEMOLITION PLAN
M-116-2	HVAC PENTHOUSE DEMOLITION PLAN
M-221-2	HVAC LEVEL 1 PLAN
M-222-2	HVAC LEVEL 2 PLAN
M-223-2	HVAC LEVEL 3 PLAN
M-224-2	HVAC LEVEL 4 PLAN
M-225-2	HVAC LEVEL 5 PLAN
M-226-2	HVAC PENTHOUSE PLAN
M-700-2	HVAC SCHEDULES
M-800-2	HVAC RISER DIAGRAM
M-801-2	HVAC RISER DIAGRAM
M-802-2	HVAC CONTROL DIAGRAMS
M-803-2	HVAC CONTROL DIAGRAMS
M-900-2	HVAC DETAILS
Total: 19	



NO.	REVISION



NOT FOR CONSTRUCTION

DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

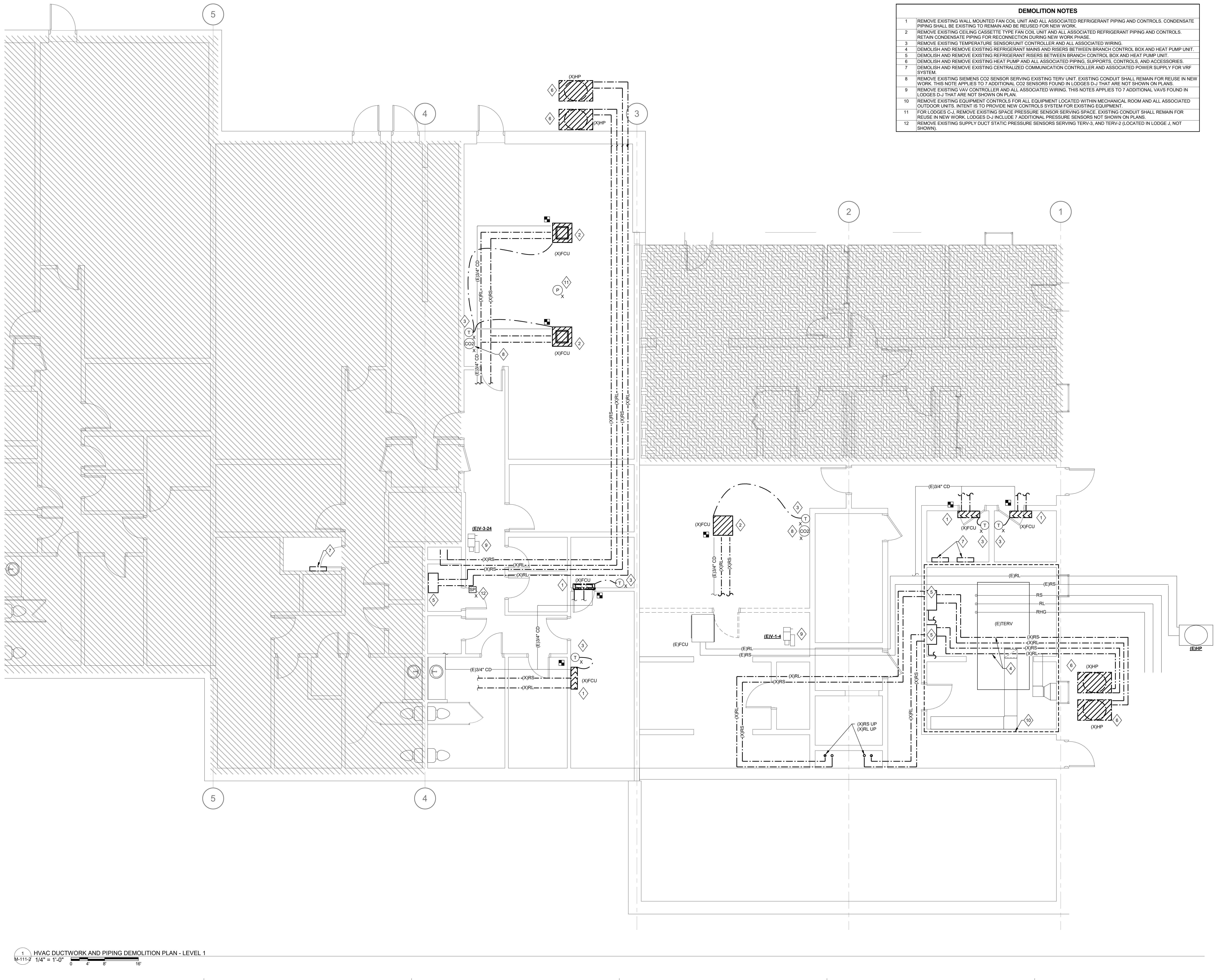
ARCHITECT OF RECORD

DESIGNED BY
SSR
DRAWN BY
SSR
PROJECT NUMBER
19003.00
DATE
12/16/21
TITLE
HVAC LEVEL 1
DEMOLITION PLAN

DRAWING NO.

M-111-2

DEMOLITION NOTES	
1	REMOVE EXISTING WALL MOUNTED FAN COIL UNIT AND ALL ASSOCIATED REFRIGERANT PIPING AND CONTROLS. CONDENSATE PIPING SHALL BE EXISTING TO REMAIN AND BE REUSED FOR NEW WORK.
2	REMOVE EXISTING CEILING CASSETTE TYPE FAN COIL UNIT AND ALL ASSOCIATED REFRIGERANT PIPING AND CONTROLS. RETAIN CONDENSATE PIPING FOR RECONNECTION DURING NEW WORK PHASE.
3	REMOVE EXISTING TEMPERATURE SENSOR/UNIT CONTROLLER AND ALL ASSOCIATED WIRING.
4	DEMOLISH AND REMOVE EXISTING REFRIGERANT MAINS AND RISERS BETWEEN BRANCH CONTROL BOX AND HEAT PUMP UNIT.
5	DEMOLISH AND REMOVE EXISTING REFRIGERANT RISERS BETWEEN BRANCH CONTROL BOX AND HEAT PUMP UNIT.
6	DEMOLISH AND REMOVE EXISTING HEAT PUMP AND ALL ASSOCIATED PIPING, SUPPORTS, CONTROLS, AND ACCESSORIES.
7	DEMOLISH AND REMOVE EXISTING CENTRALIZED COMMUNICATION CONTROLLER AND ASSOCIATED POWER SUPPLY FOR VRF SYSTEM.
8	REMOVE EXISTING SIEMENS CO2 SENSOR SERVING EXISTING TERV UNIT. EXISTING CONDUIT SHALL REMAIN FOR REUSE IN NEW WORK. THIS NOTE APPLIES TO 7 ADDITIONAL CO2 SENSORS FOUND IN LODGES D-J THAT ARE NOT SHOWN ON PLANS.
9	REMOVE EXISTING VAV CONTROLLER AND ALL ASSOCIATED WIRING. THIS NOTES APPLIES TO 7 ADDITIONAL VAVS FOUND IN LODGES D-J THAT ARE NOT SHOWN ON PLAN.
10	REMOVE EXISTING EQUIPMENT CONTROLS FOR ALL EQUIPMENT LOCATED WITHIN MECHANICAL ROOM AND ALL ASSOCIATED OUTDOOR UNITS. INTENT IS TO PROVIDE NEW CONTROLS SYSTEM FOR EXISTING EQUIPMENT.
11	FOR LODGES C-J, REMOVE EXISTING SPACE PRESSURE SENSOR SERVING SPACE. EXISTING CONDUIT SHALL REMAIN FOR REUSE IN NEW WORK. LODGES D-J INCLUDE 7 ADDITIONAL PRESSURE SENSORS NOT SHOWN ON PLANS.
12	REMOVE EXISTING SUPPLY DUCT STATIC PRESSURE SENSORS SERVING TERV-3, AND TERV-2 (LOCATED IN LODGE J, NOT SHOWN).



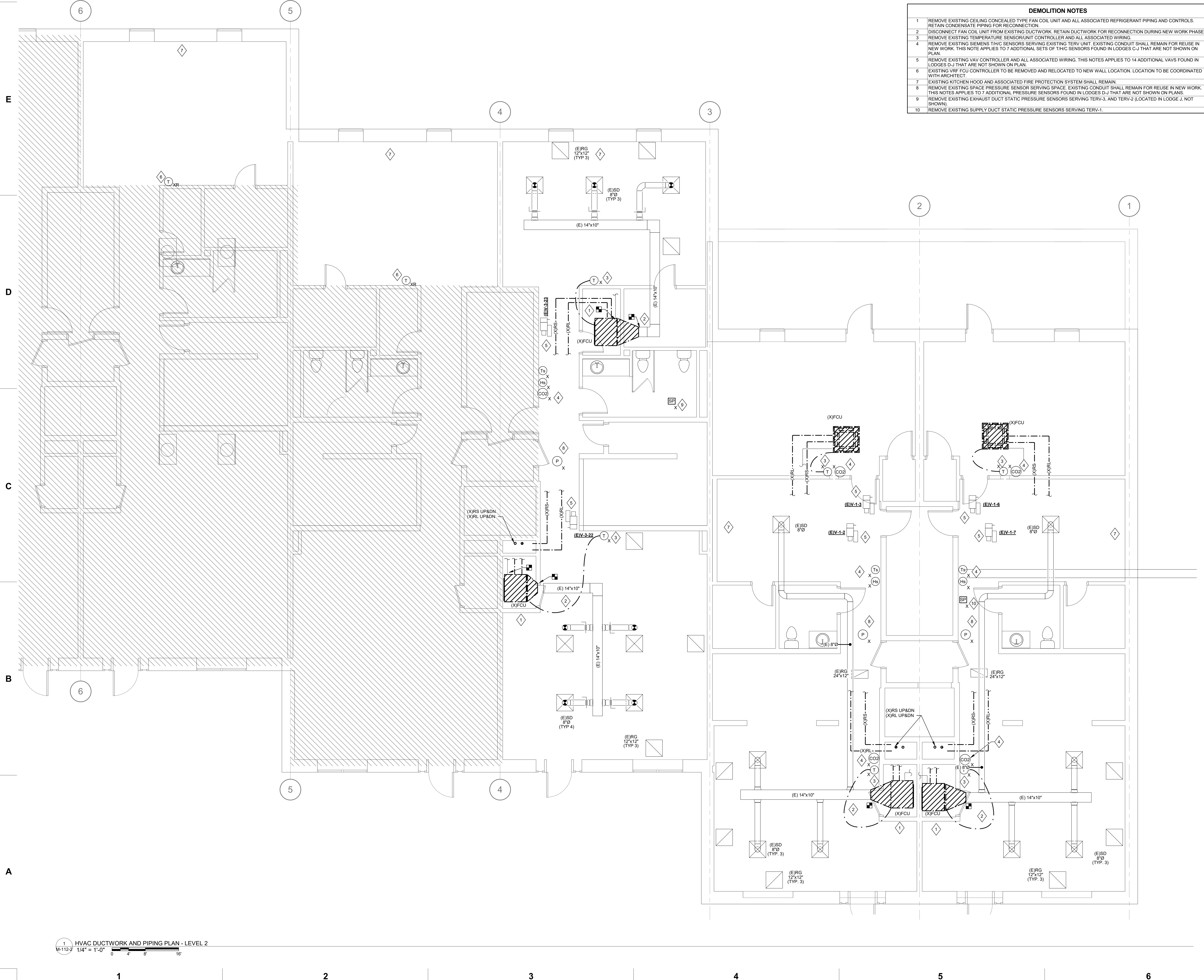
1 HVAC DUCTWORK AND PIPING DEMOLITION PLAN - LEVEL 1
M-111-2 1/4\"/>

BMU 350/02/09/2021.00 - Emory Sorority Housing
Revisions/03/04/21 - Emory Sorority Lodge Renos
12/16/2021 9:07:54 AM



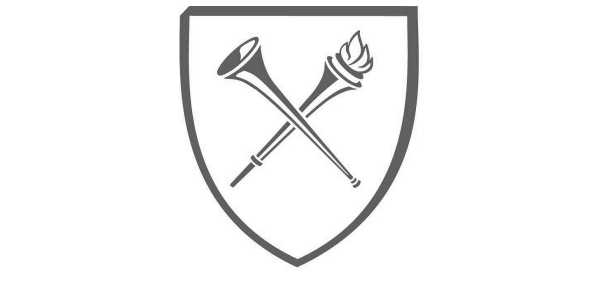
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DEMOLITION NOTES table with 10 numbered items detailing the removal of various HVAC components like fan coil units, ductwork, and sensors.



1 HVAC DUCTWORK AND PIPING PLAN - LEVEL 2
M-112-2 1/4" = 1'-0"

BMU 301.01(2021.00) - Emory Sorority Housing
Revisions: 19003.00 - Emory Sorority Lodge Renos
12/16/2021 9:09:01 AM



NOT FOR CONSTRUCTION

DOCUMENT HISTORY

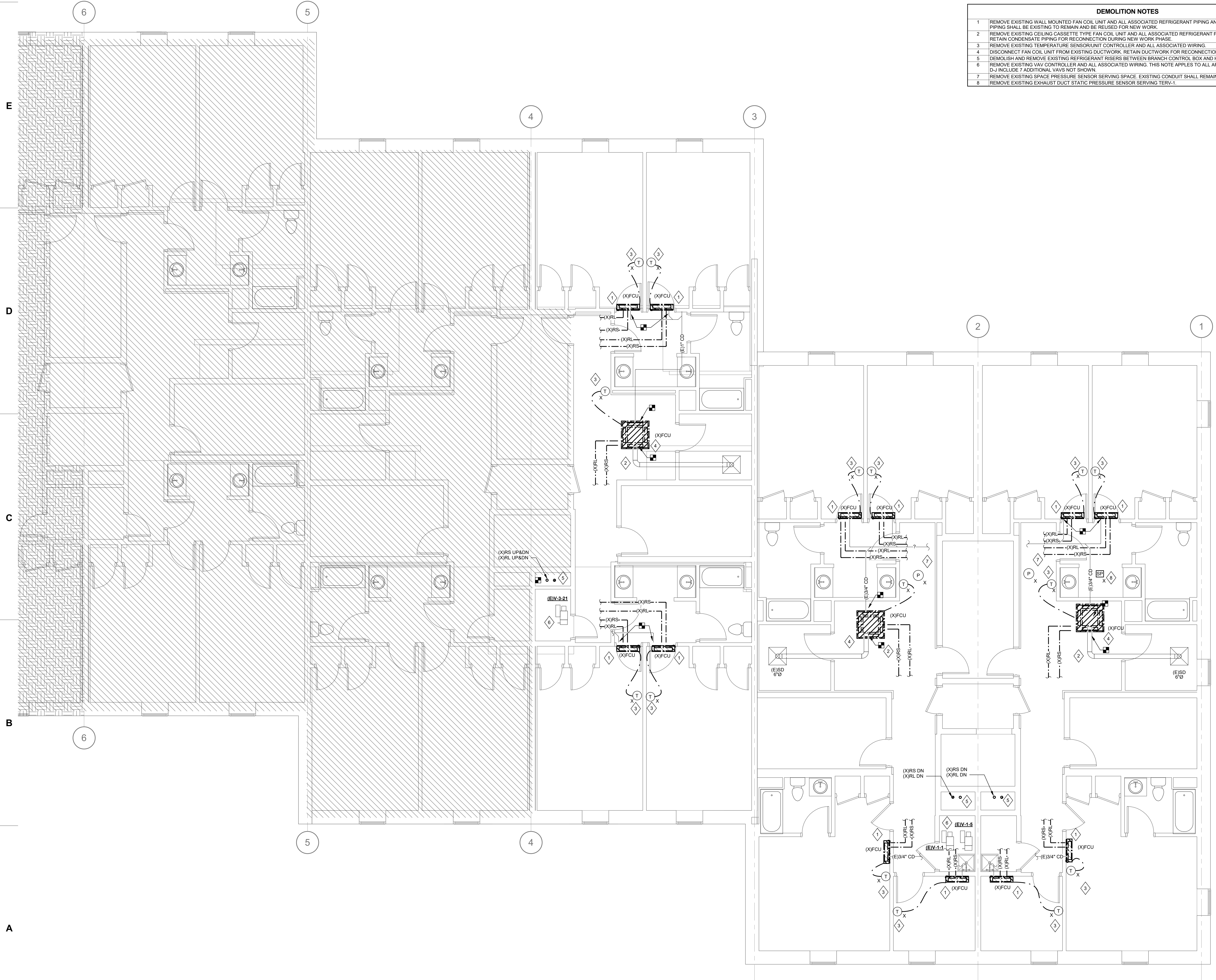
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ARCHITECT OF RECORD

DESIGNED BY SSR DRAWN BY SSR PROJECT NUMBER 19003.00 DATE 12/16/21 TITLE HVAC LEVEL 3 DEMOLITION PLAN

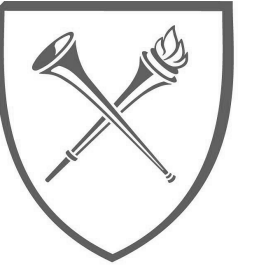
DRAWING NO. M-113-2

DEMOLITION NOTES table with 8 numbered items detailing removal of fan coil units, ceiling cassettes, temperature sensors, yav controllers, and space pressure sensors.



1 HVAC DUCTWORK AND PIPING DEMOLITION PLAN - LEVEL 3 M-113-2 1/4" = 1'-0" 0 4 8 16

BMU 320/020762.00 - Emory Sorority Housing Revisions/19003.00 - Emory Sorority Lodge Plans 12/16/2021 9:08:08 AM



EMORY
 PROJECT NO: CP200000158

EMORY UNIVERSITY SORORITY LODGES A-E
 11 EAGLE ROW,
 ATLANTA GEORGIA 30322
EMORY UNIVERSITY

NOT FOR CONSTRUCTION

DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

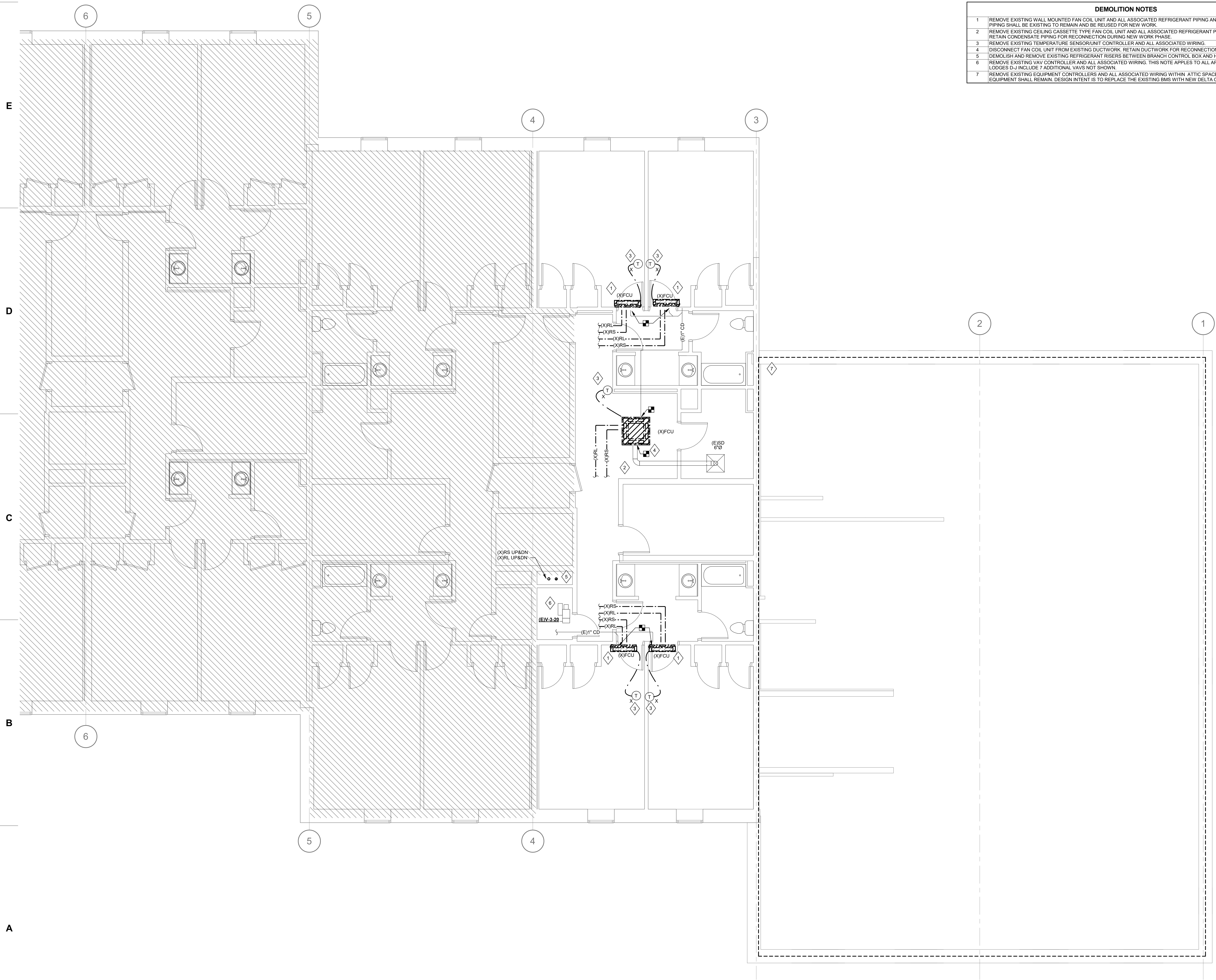
ARCHENGR OF RECORD

DESIGNED BY
 SSR
 DRAWN BY
 SSR
 PROJECT NUMBER
 19003.00
 DATE
 12/16/21
 TITLE

HVAC LEVEL 4
 DEMOLITION PLAN

DRAWING NO.
M-114-2

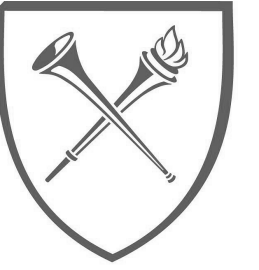
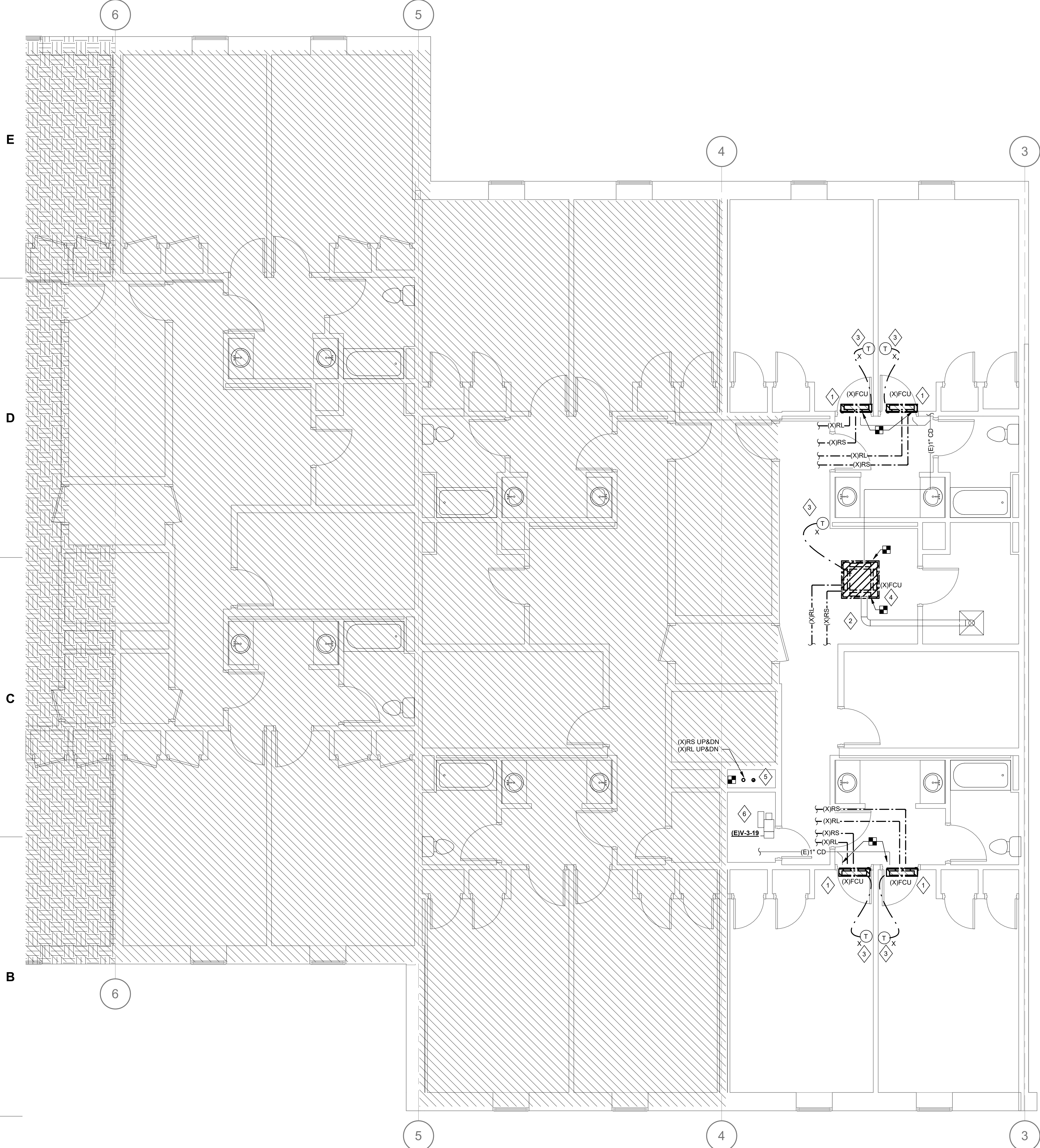
DEMOLITION NOTES	
1	REMOVE EXISTING WALL MOUNTED FAN COIL UNIT AND ALL ASSOCIATED REFRIGERANT PIPING AND CONTROLS. CONDENSATE PIPING SHALL BE EXISTING TO REMAIN AND BE REUSED FOR NEW WORK.
2	REMOVE EXISTING CEILING CASSETTE TYPE FAN COIL UNIT AND ALL ASSOCIATED REFRIGERANT PIPING AND CONTROLS. RETAIN CONDENSATE PIPING FOR RECONNECTION DURING NEW WORK PHASE.
3	REMOVE EXISTING TEMPERATURE SENSOR/UNIT CONTROLLER AND ALL ASSOCIATED WIRING.
4	DISCONNECT FAN COIL UNIT FROM EXISTING DUCTWORK. RETAIN DUCTWORK FOR RECONNECTION DURING NEW WORK PHASE.
5	DEMOLISH AND REMOVE EXISTING REFRIGERANT RISERS BETWEEN BRANCH CONTROL BOX AND HEAT PUMP UNIT.
6	REMOVE EXISTING VAV CONTROLLER AND ALL ASSOCIATED WIRING. THIS NOTE APPLIES TO ALL APARTMENT UNITS C-J. LODGES D-J INCLUDE 7 ADDITIONAL VAVS NOT SHOWN.
7	REMOVE EXISTING EQUIPMENT CONTROLLERS AND ALL ASSOCIATED WIRING WITHIN ATTIC SPACE. EXISTING MECHANICAL EQUIPMENT SHALL REMAIN. DESIGN INTENT IS TO REPLACE THE EXISTING BMS WITH NEW DELTA CONTROLS PROVIDED BY CCL.



1 HVAC DUCTWORK AND PIPING DEMOLITION PLAN - LEVEL 4
 M-114-2 1/4" = 1'-0" 0 4 8 16'

BMU 320/020922.00 - Emory Sorority Housing
 Revisions/9/20/21 Emory Sorority Lodge Plans
 12/16/2021 9:05:14 AM

DEMOLITION NOTES	
1	REMOVE EXISTING WALL MOUNTED FAN COIL UNIT AND ALL ASSOCIATED REFRIGERANT PIPING AND CONTROLS. CONDENSATE PIPING SHALL BE EXISTING TO REMAIN AND BE REUSED FOR NEW WORK.
2	
3	
4	DISCONNECT FAN COIL UNIT FROM EXISTING DUCTWORK. RETAIN DUCTWORK FOR RECONNECTION DURING NEW WORK PHASE.
5	DEMOLISH AND REMOVE EXISTING REFRIGERANT RISERS BETWEEN BRANCH CONTROL BOX AND HEAT PUMP UNIT.
6	REMOVE EXISTING WAY CONTROLLER AND ALL ASSOCIATED WIRING. THIS NOTE APPLIES TO ALL APARTMENT UNITS C-J. LODGES D-J INCLUDE 7 ADDITIONAL VAVS NOT SHOWN.



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DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

ARCHENGR OF RECORD

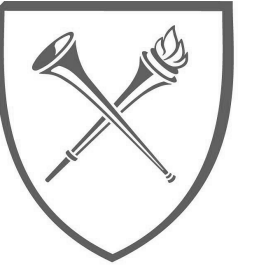
DESIGNED BY
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 DRAWN BY
 SSR
 PROJECT NUMBER
 19003.00
 DATE
 12/16/21
 TITLE

HVAC LEVEL 5 DEMOLITION PLAN

DRAWING NO.

M-115-2

1 HVAC DUCTWORK AND PIPING DEMOLITION PLAN - LEVEL 5
 M-115-2 1/4" = 1'-0" 0 4 8 16'



EMORY
 PROJECT NO: CP200000158

EMORY UNIVERSITY SORORITY LODGES A-E
 11 EAGLE ROW,
 ATLANTA GEORGIA 30322
EMORY UNIVERSITY

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DOCUMENT HISTORY

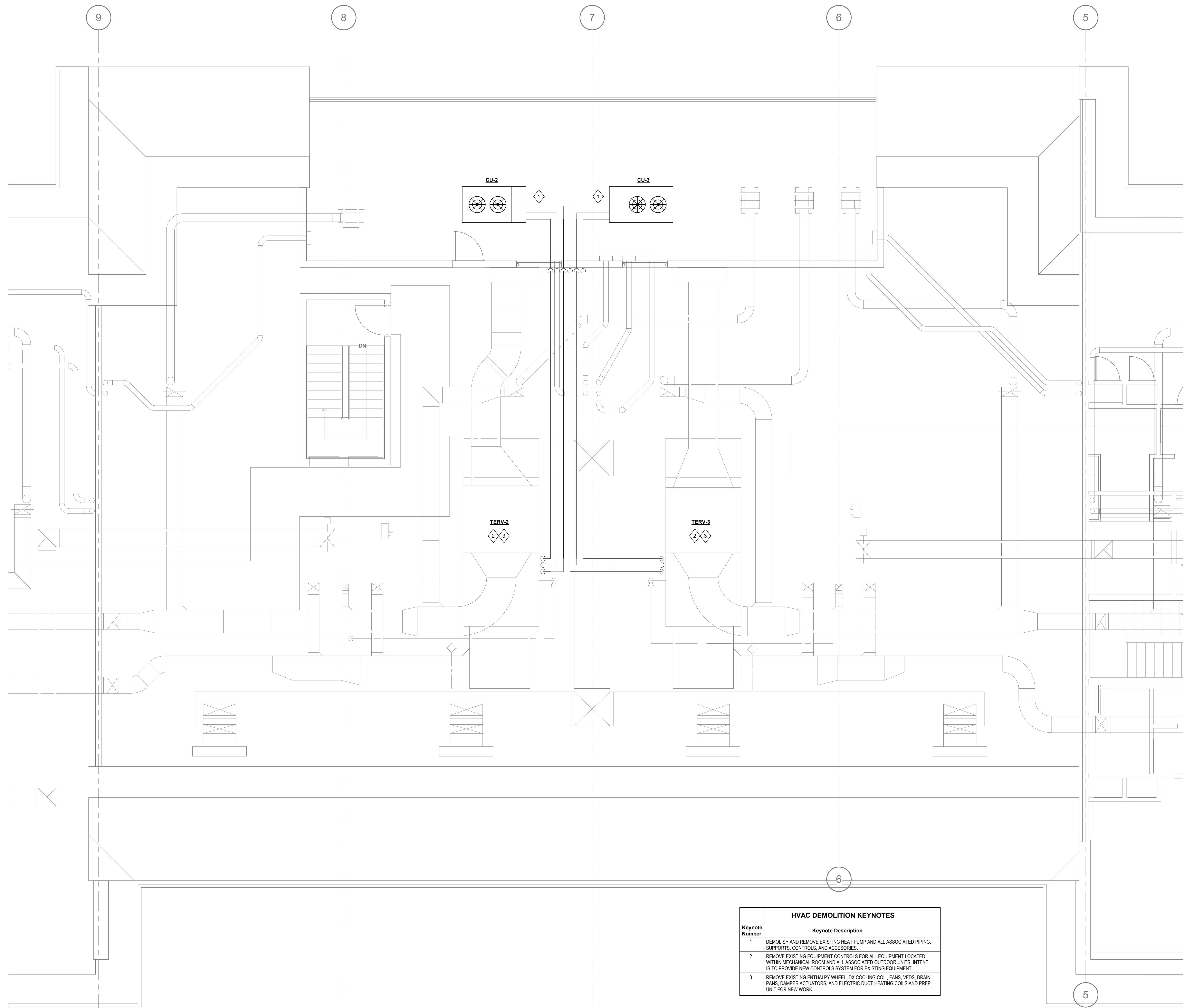
NO.	DATE	DESCRIPTION

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DESIGNED BY
 SSR
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 SSR
 PROJECT NUMBER
 19003.00
 DATE
 12/16/21

TITLE
HVAC PENTHOUSE DEMOLITION PLAN

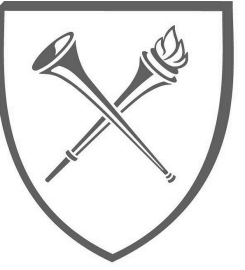
DRAWING NO.
M-116-2



HVAC DEMOLITION KEYNOTES	
Keynote Number	Keynote Description
1	DEMOLISH AND REMOVE EXISTING HEAT PUMP AND ALL ASSOCIATED PIPING, SUPPORTS, CONTROLS, AND ACCESSORIES.
2	REMOVE EXISTING EQUIPMENT CONTROLS FOR ALL EQUIPMENT LOCATED WITHIN MECHANICAL ROOM AND ALL ASSOCIATED OUTDOOR UNITS. INTENT IS TO PROVIDE NEW CONTROLS SYSTEM FOR EXISTING EQUIPMENT.
3	REMOVE EXISTING ENTHALPY WHEEL, DX COOLING COIL, FANS, VFD'S, DRAIN PANS, DAMPER ACTUATORS, AND ELECTRIC DUCT HEATING COILS AND PREP UNIT FOR NEW WORK.

1 HVAC PENTHOUSE DEMOLITION PLAN
 M-116-2 1/4" = 1'-0"

BMU 350/020922.00 - Emory Sorority Housing
 Revisions/9/20/21 - Emory Sorority Lodge Plans
 12/16/2021 9:02:26 AM



EMORY

PROJECT NO: CP200000158

EMORY UNIVERSITY SORORITY LODGES A-E
11 EAGLE ROW,
ATLANTA GEORGIA 30322
EMORY UNIVERSITY

NOT FOR CONSTRUCTION

DOCUMENT HISTORY

Table with 3 columns: No., Description, Date. The table is currently empty.

ARCHITECT OF RECORD

DESIGNED BY

SSR

DRAWN BY

SSR

PROJECT NUMBER

19003.00

DATE

12/16/21

TITLE

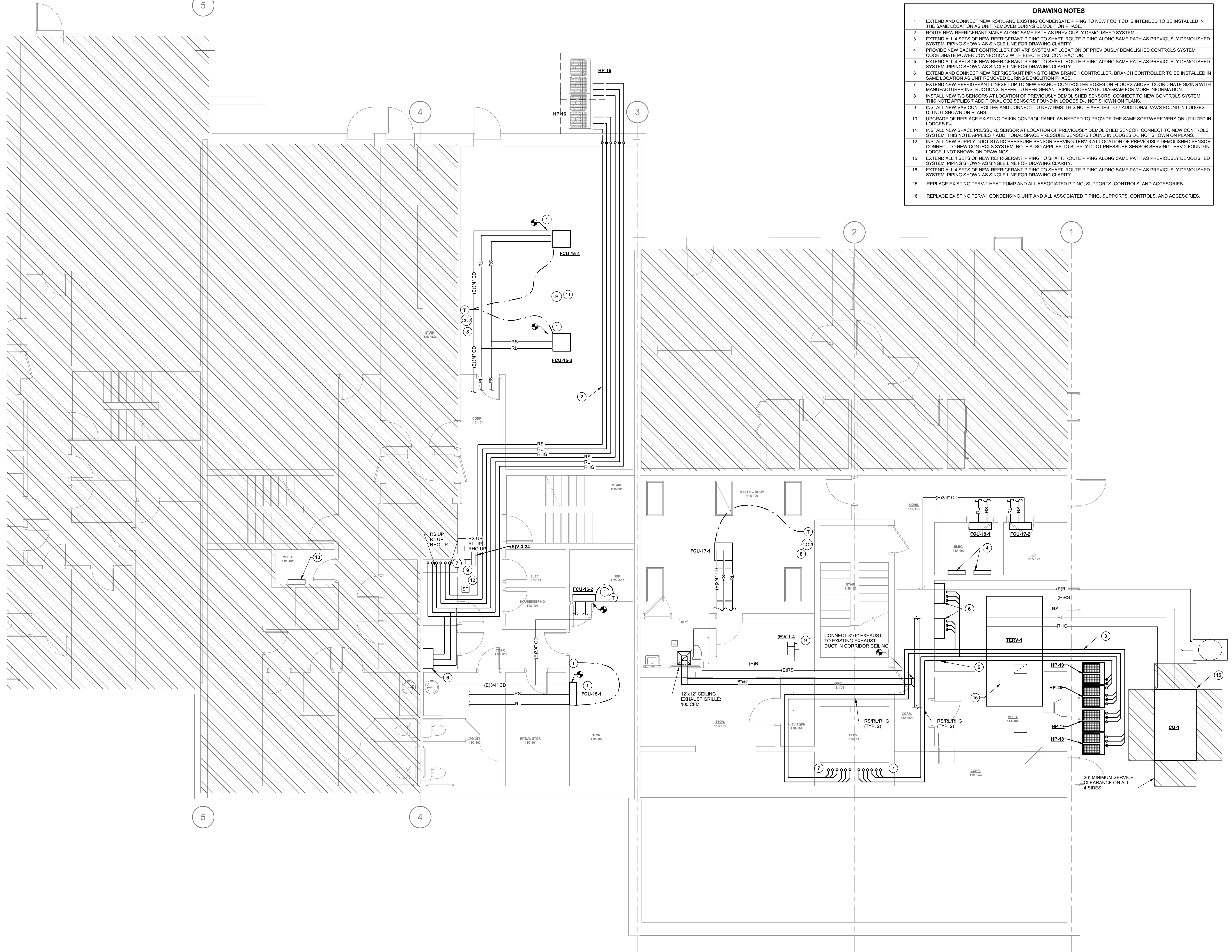
HVAC LEVEL 1

PLAN

DRAWING NO.

M-221-2

DRAWING NOTES table with 16 numbered items detailing HVAC system modifications, including extending piping, installing new units, and upgrading controls.



1 HVAC DUCTWORK AND PIPING PLAN - LEVEL 1
M-221-2 1/4" = 1'-0"

BMU 30/02/02/00 - Emory Sorority Lodges
Revisions: 19003.00 - Emory Sorority Lodges
12/16/2021 9:08:36 AM



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CONSTRUCTION

DOCUMENT HISTORY

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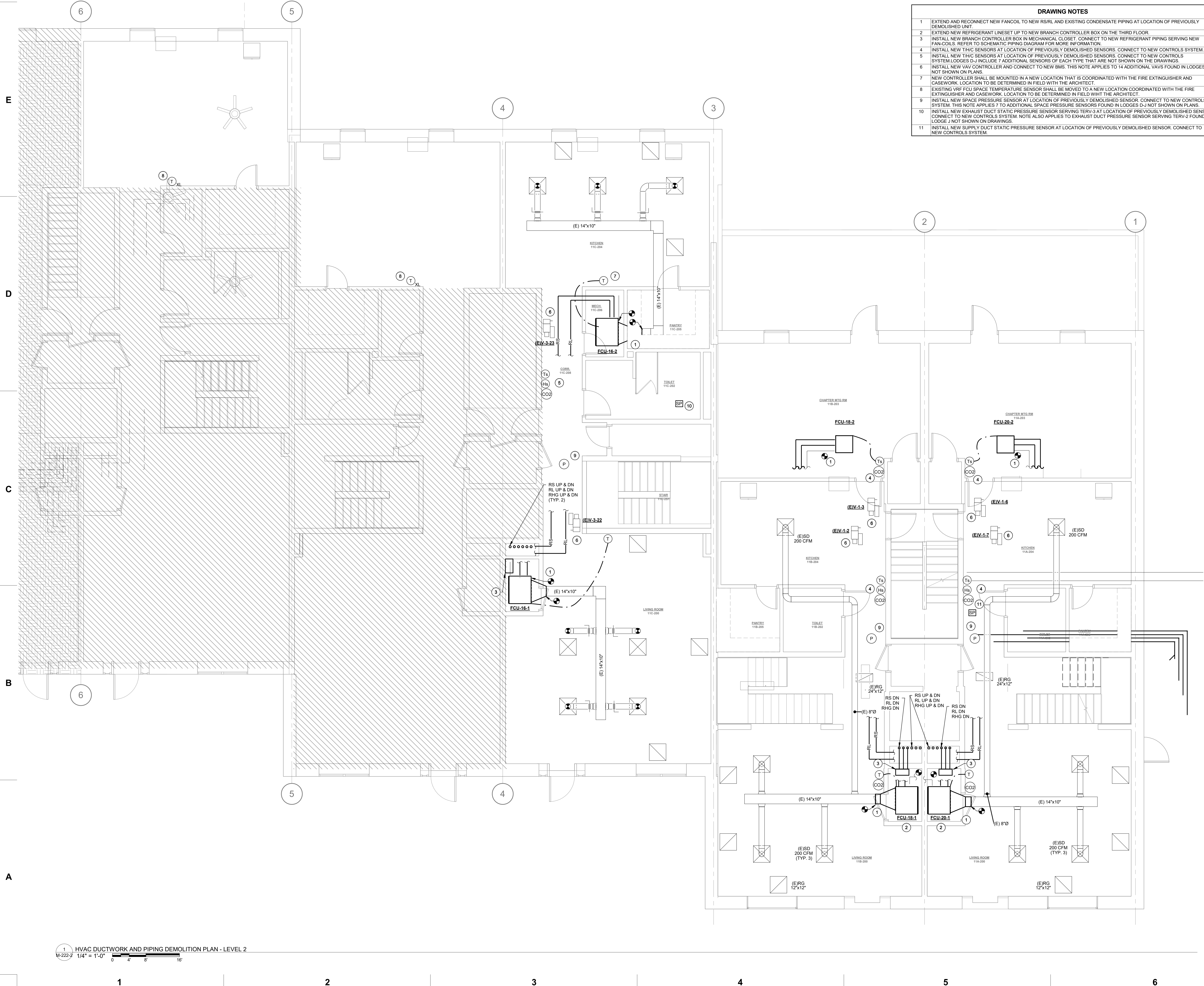
ARCHITECT OF RECORD

DESIGNED BY
SSR
DRAWN BY
SSR
PROJECT NUMBER
19003.00
DATE
12/16/21
TITLE
HVAC LEVEL 2
PLAN

DRAWING NO.

M-222-2

- DRAWING NOTES**
- 1 EXTEND AND RECONNECT NEW FANCOIL TO NEW RS/RL AND EXISTING CONDENSATE PIPING AT LOCATION OF PREVIOUSLY DEMOLISHED UNIT.
 - 2 EXTEND NEW REFRIGERANT LINESET UP TO NEW BRANCH CONTROLLER BOX ON THE THIRD FLOOR.
 - 3 INSTALL NEW BRANCH CONTROLLER BOX IN MECHANICAL CLOSET. CONNECT TO NEW REFRIGERANT PIPING SERVING NEW FAN-COILS. REFER TO SCHEMATIC PIPING DIAGRAM FOR MORE INFORMATION.
 - 4 INSTALL NEW TH/C SENSORS AT LOCATION OF PREVIOUSLY DEMOLISHED SENSORS. CONNECT TO NEW CONTROLS SYSTEM.
 - 5 INSTALL NEW TH/C SENSORS AT LOCATION OF PREVIOUSLY DEMOLISHED SENSORS. CONNECT TO NEW CONTROLS SYSTEM. LODGES D-J INCLUDE 7 ADDITIONAL SENSORS OF EACH TYPE THAT ARE NOT SHOWN ON THE DRAWINGS.
 - 6 INSTALL NEW VAV CONTROLLER AND CONNECT TO NEW BMS. THIS NOTE APPLIES TO 14 ADDITIONAL VAVS FOUND IN LODGES D-J NOT SHOWN ON PLANS.
 - 7 NEW CONTROLLER SHALL BE MOUNTED IN A NEW LOCATION THAT IS COORDINATED WITH THE FIRE EXTINGUISHER AND CASEWORK. LOCATION TO BE DETERMINED IN FIELD WITH THE ARCHITECT.
 - 8 EXISTING VRF FCU SPACE TEMPERATURE SENSOR SHALL BE MOVED TO A NEW LOCATION COORDINATED WITH THE FIRE EXTINGUISHER AND CASEWORK. LOCATION TO BE DETERMINED IN FIELD WITH THE ARCHITECT.
 - 9 INSTALL NEW SPACE PRESSURE SENSOR AT LOCATION OF PREVIOUSLY DEMOLISHED SENSOR. CONNECT TO NEW CONTROLS SYSTEM. THIS NOTE APPLIES TO 7 ADDITIONAL SPACE PRESSURE SENSORS FOUND IN LODGES D-J NOT SHOWN ON PLANS.
 - 10 INSTALL NEW EXHAUST DUCT STATIC PRESSURE SENSOR SERVING TERY-3 AT LOCATION OF PREVIOUSLY DEMOLISHED SENSOR. CONNECT TO NEW CONTROLS SYSTEM. NOTE ALSO APPLIES TO EXHAUST DUCT PRESSURE SENSOR SERVING TERY-2 FOUND IN LODGE J NOT SHOWN ON DRAWINGS.
 - 11 INSTALL NEW SUPPLY DUCT STATIC PRESSURE SENSOR AT LOCATION OF PREVIOUSLY DEMOLISHED SENSOR. CONNECT TO NEW CONTROLS SYSTEM.



1 HVAC DUCTWORK AND PIPING DEMOLITION PLAN - LEVEL 2
M-222-2 1/4" = 1'-0"

BIM 360://020702.00 - Emory Sorority Lodges
Revisions/03/04/21 - Emory Sorority Lodge Revisions
12/16/2021 9:58:47 AM



NOT FOR CONSTRUCTION

DOCUMENT HISTORY

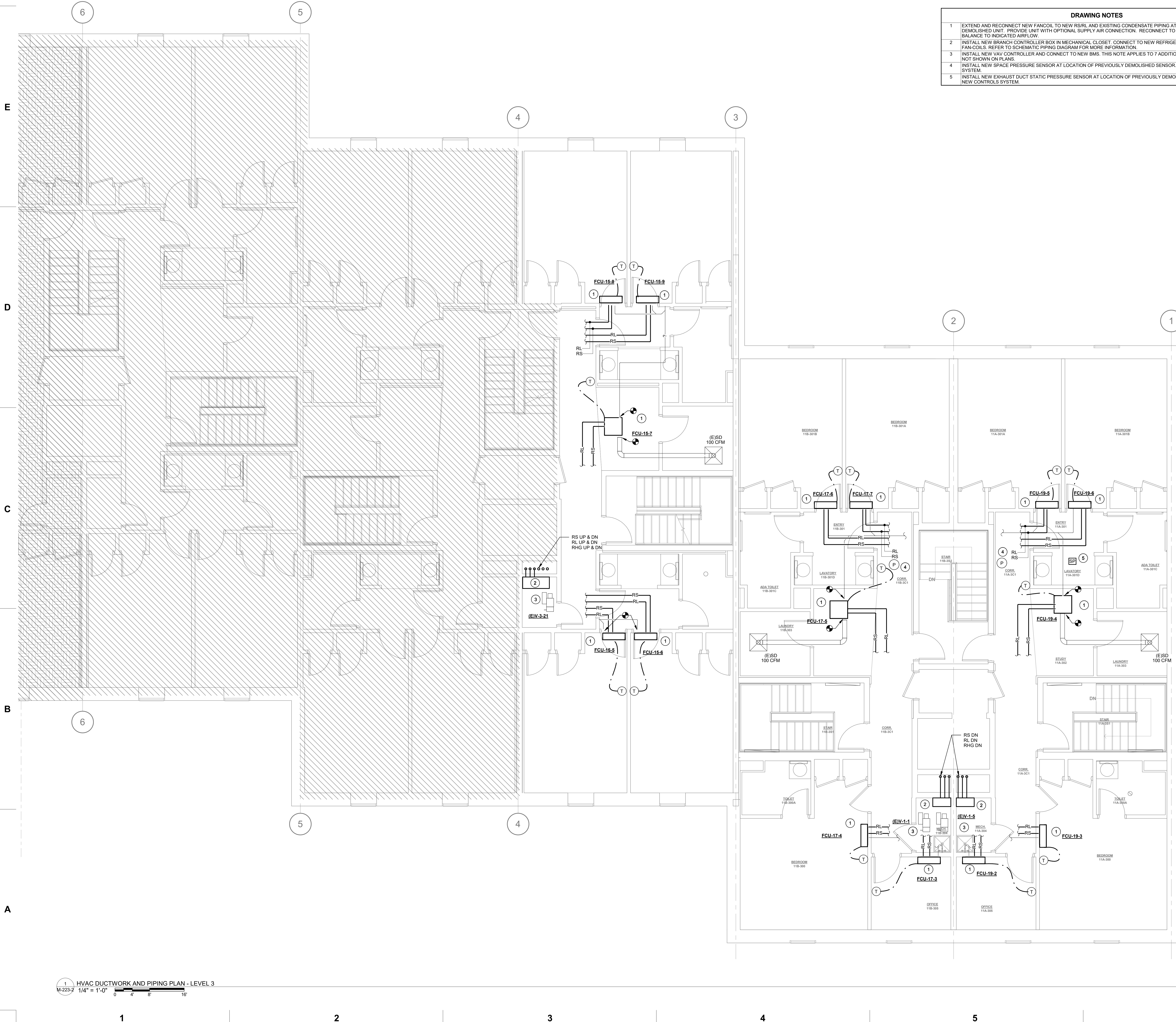
Table with columns for revision number, description, and date.

ARCHITECT OF RECORD

DESIGNED BY SSR DRAWN BY SSR PROJECT NUMBER 19003.00 DATE 12/16/21 TITLE HVAC LEVEL 3 PLAN

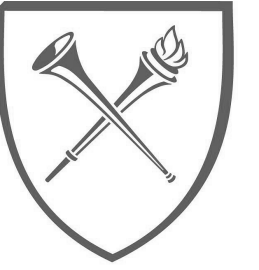
DRAWING NO. M-223-2

DRAWING NOTES table with 5 numbered items detailing HVAC unit and sensor installation instructions.



1 HVAC DUCTWORK AND PIPING PLAN - LEVEL 3 M-223-2 1/4" = 1'-0"

BMU 30/02/02/00 - Emory Sorority Lodging Revisions/9/20/21 Emory Sorority Lodge Plans 12/16/2021 9:57 AM



EMORY
 PROJECT NO: CP200000158

EMORY UNIVERSITY SORORITY LODGES A-E
 11 EAGLE ROW,
 ATLANTA GEORGIA 30322
EMORY UNIVERSITY

NOT FOR CONSTRUCTION

DOCUMENT HISTORY

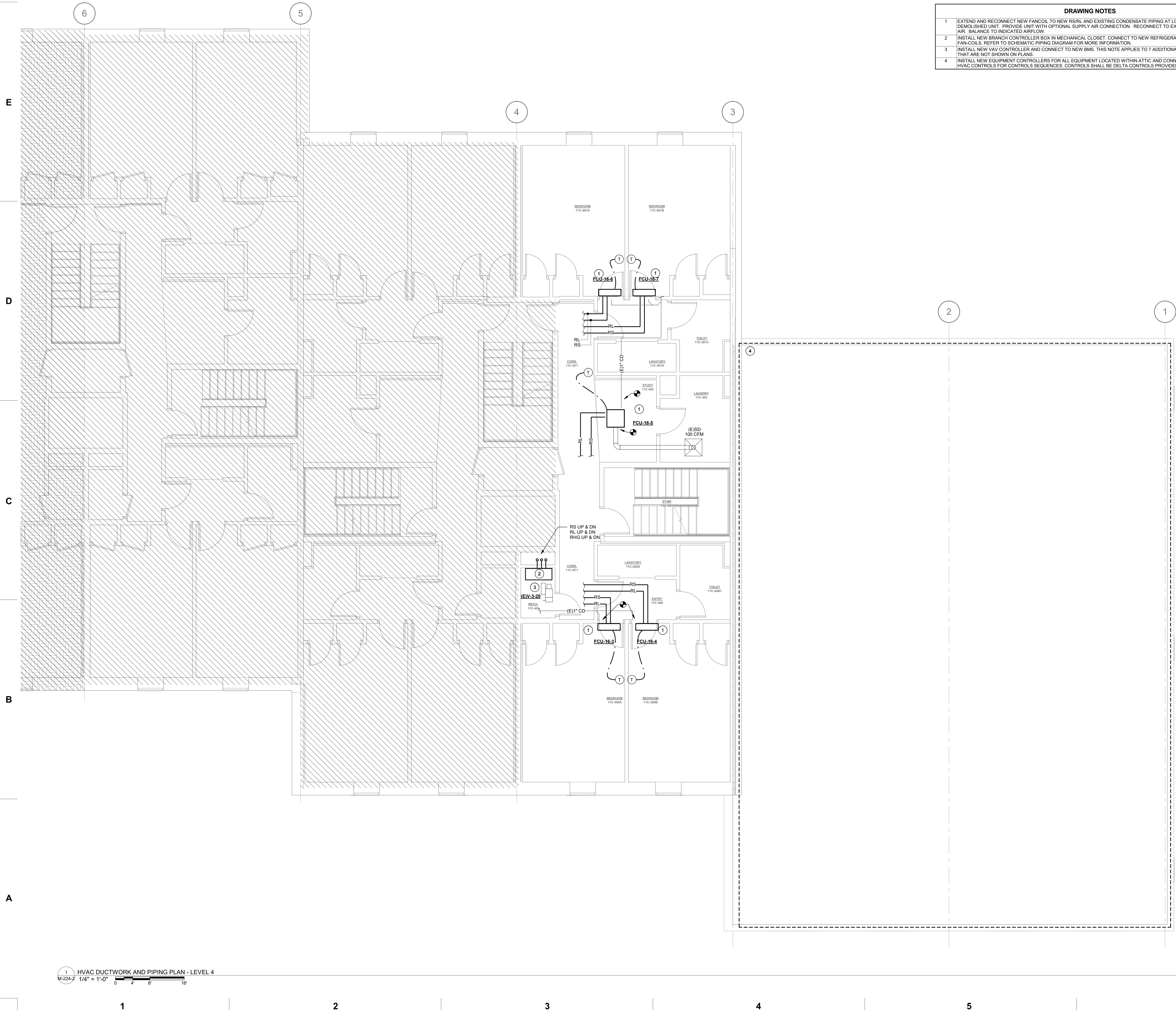
NO.	DATE	DESCRIPTION

ARCHENGR OF RECORD

DESIGNED BY
 SSR
 DRAWN BY
 SSR
 PROJECT NUMBER
 19003.00
 DATE
 12/16/21
 TITLE
 HVAC LEVEL 4 PLAN

DRAWING NO.
M-224-2

DRAWING NOTES	
1	EXTEND AND RECONNECT NEW FANCOIL TO NEW RS/RL AND EXISTING CONDENSATE PIPING AT LOCATION OF PREVIOUSLY DEMOLISHED UNIT. PROVIDE UNIT WITH OPTIONAL SUPPLY AIR CONNECTION. RECONNECT TO EXISTING LAUNDRY SUPPLY AIR. BALANCE TO INDICATED AIRFLOW.
2	INSTALL NEW BRANCH CONTROLLER BOX IN MECHANICAL CLOSET. CONNECT TO NEW REFRIGERANT PIPING SERVING NEW FAN-COILS. REFER TO SCHEMATIC PIPING DIAGRAM FOR MORE INFORMATION.
3	INSTALL NEW VAV CONTROLLER AND CONNECT TO NEW BMS. THIS NOTE APPLIES TO 7 ADDITIONAL VAVS IN APARTMENTS D-J THAT ARE NOT SHOWN ON PLANS.
4	INSTALL NEW EQUIPMENT CONTROLLERS FOR ALL EQUIPMENT LOCATED WITHIN ATTIC AND CONNECT TO NEW BMS. REFER TO HVAC CONTROLS FOR CONTROLS SEQUENCES. CONTROLS SHALL BE DELTA CONTROLS PROVIDED BY CCI.



1 HVAC DUCTWORK AND PIPING PLAN - LEVEL 4
 M-224-2 1/4" = 1'-0" 0 4 8 16'

BMU 320/020792.00 - Emory Sorority Housing
 Revisions/9/20/21 Emory Sorority Lodge Plans
 12/16/2021 9:58:06 AM



EMORY
 PROJECT NO: CP200000158

EMORY UNIVERSITY SORORITY LODGES A-E
 11 EAGLE ROW,
 ATLANTA GEORGIA 30322
EMORY UNIVERSITY

NOT FOR CONSTRUCTION

DOCUMENT HISTORY

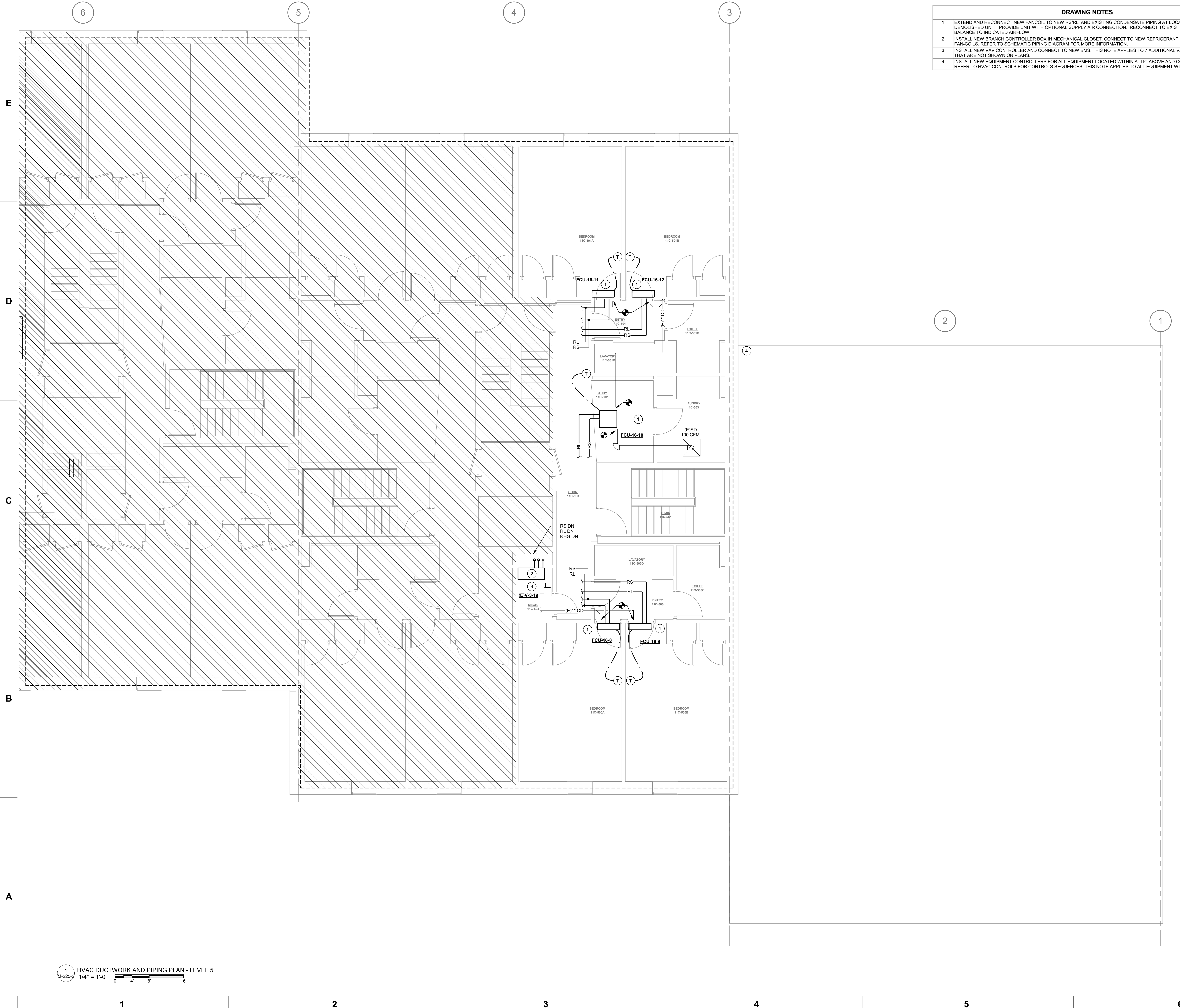
NO.	DATE	DESCRIPTION

ARCHENGR OF RECORD

DESIGNED BY
 SSR
 DRAWN BY
 SSR
 PROJECT NUMBER
 19003.00
 DATE
 12/16/21
 TITLE
 HVAC LEVEL 5 PLAN

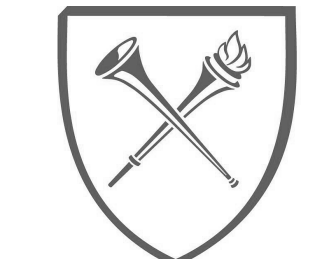
DRAWING NO.
M-225-2

DRAWING NOTES	
1	EXTEND AND RECONNECT NEW FANCOIL TO NEW RS/RL, AND EXISTING CONDENSATE PIPING AT LOCATION OF PREVIOUSLY DEMOLISHED UNIT. PROVIDE UNIT WITH OPTIONAL SUPPLY AIR CONNECTION. RECONNECT TO EXISTING LAUNDRY SUPPLY AIR. BALANCE TO INDICATED AIRFLOW.
2	INSTALL NEW BRANCH CONTROLLER BOX IN MECHANICAL CLOSET. CONNECT TO NEW REFRIGERANT PIPING SERVING NEW FAN-COILS. REFER TO SCHEMATIC PIPING DIAGRAM FOR MORE INFORMATION.
3	INSTALL NEW VAV CONTROLLER AND CONNECT TO NEW BMS. THIS NOTE APPLIES TO 7 ADDITIONAL VAVS IN APARTMENTS D-J THAT ARE NOT SHOWN ON PLANS.
4	INSTALL NEW EQUIPMENT CONTROLLERS FOR ALL EQUIPMENT LOCATED WITHIN ATTIC ABOVE AND CONNECT TO NEW BMS. REFER TO HVAC CONTROLS FOR CONTROLS SEQUENCES. THIS NOTE APPLIES TO ALL EQUIPMENT WITHIN ATTIC OF UNITS C-J.



1 HVAC DUCTWORK AND PIPING PLAN - LEVEL 5
 M-225-2 1/4" = 1'-0"
 0 4 8 16'

BMU 30/02/02/00 - Emory Sorority Lodges
 Revisions/02/02/21 Emory Sorority Lodge Plans
 12/16/2021 9:05:15 AM



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DOCUMENT HISTORY

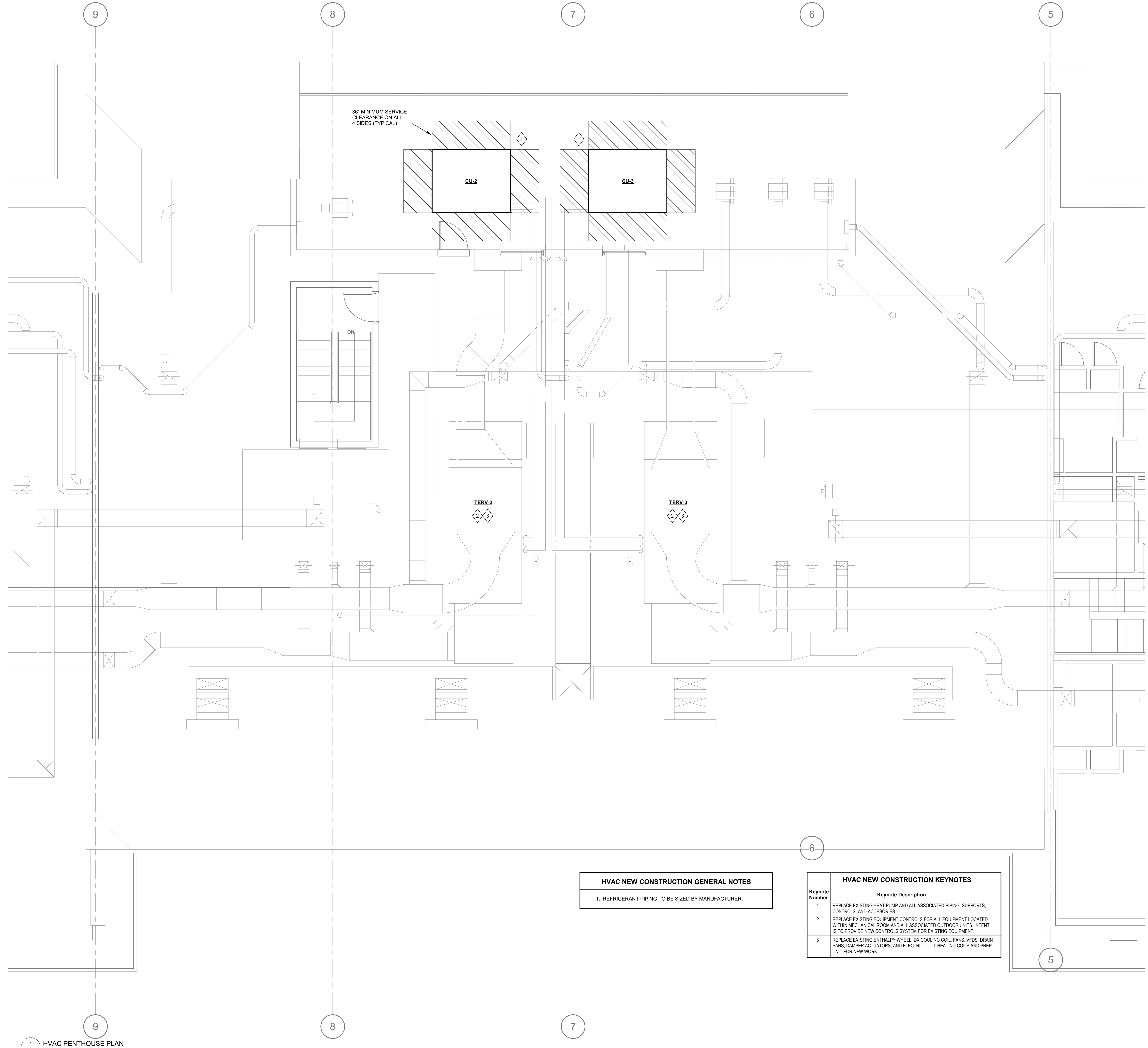
No.	Revision	Description

ARCHITECT OF RECORD

DESIGNED BY
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 SSR
 PROJECT NUMBER
 19003.00
 DATE
 12/16/21
 TITLE

HVAC PENTHOUSE PLAN

DRAWING NO.
M-226-2



HVAC NEW CONSTRUCTION GENERAL NOTES

1. REFRIGERANT PIPING TO BE SIZED BY MANUFACTURER.

HVAC NEW CONSTRUCTION KEYNOTES	
Keynote Number	Keynote Description
1	REPLACE EXISTING HEAT PUMP AND ALL ASSOCIATED PIPING, SUPPORTS, CONTROLS, AND ACCESSORIES.
2	REPLACE EXISTING EQUIPMENT CONTROLS FOR ALL EQUIPMENT LOCATED WITHIN MECHANICAL ROOM AND ALL ASSOCIATED OUTDOOR UNITS. INTENT IS TO PROVIDE NEW CONTROL SYSTEM FOR EXISTING EQUIPMENT.
3	REPLACE EXISTING ENTHALPY WHEEL, DX COOLING COIL, FANS, VEES, DRAIN PANS, DAMPER ACTUATORS, AND ELECTRIC DUCT HEATING COILS AND PREP UNIT FOR NEW WORK.

1 HVAC PENTHOUSE PLAN
 M-226-2 1/4" = 1'-0"

ENERGY RECOVERY VENTILATOR UNIT SCHEDULE

IDENTIFICATION	AREA SERVED	DESIGN BASIS	MODEL NO.	SYSTEM TYPE	PRESSURE CLASSIFICATION	SUPPLY FAN		EXHAUST FAN		OUTSIDE AIRFLOW (CFM)	EXHAUST AIRFLOW (CFM)	COIL QTY.	MODEL NUMBER	DEHUMID. AIR (CFM)	MAX. FV (PPM)	ENTERING DBWB (°F)	LEAVING DBWB (°F)	CAPACITY (BTU/HR)	REFRIGERANT	ROWS & FINS PER IN	MAX. AIR SP LOSS (IN)	TYPE	CFM	TEMP RISE (°F)	CAPACITY (KW)	CONTROL TYPE	ELEC.	MAX. AIR SP LOSS (IN)	SUPPLY FAN HP (EA)	EXHAUST FAN HP (EA)	ENERGY WHEEL HP	ELEC.	TYPE	LOCATION	QTY	MODULE TYPE	VELOCITY FLAT/CART. (FPM)	OPERATING WEIGHT (LBS)	ACCESSORIES		
						CFM	E.S.P. (IN)	T.S.P. (IN)	CFM																															E.S.P. (IN)	T.S.P. (IN)
TERV-1	VENTILATION AIR	DAIKIN	CAH008GDMGM	DX	MEDIUM	2,400	2.50	4.84	1,500	1.50	2.50	2,400	1,500	1	--	2,400	500	83.9 / 69.7	48.1 / 47.2	159,170	R410-A	8 / 6	1	ELECTRIC REHEAT	2,400	26.3	20	SCR	460/360	0.04	(1) 5	(1) 1.5	1/2	460/360	A	FIELD VERIFY	3	1	300	4,000	1, 2, 3, 4, 5
TERV-2	VENTILATION AIR	DAIKIN	--	DX	MEDIUM	7,800	2.50	4.47	5,900	1.50	2.63	7,800	5,900	5EJ1106B	7,800	500	83.0 / 69.2	54.8 / 53.3	380,010	R410-A	6 / 11	0.82	ELECTRIC REHEAT	7,800	25.1	70	SCR	460/360	0.10	(2) 6.3	(2) 2.3	1	460/360	D	UNIT MOUNTED	5	1	300	6,100	1, 2, 3, 4, 5	
TERV-3	VENTILATION AIR	DAIKIN	--	DX	MEDIUM	7,800	2.50	4.47	5,900	1.50	2.63	7,800	5,900	5EJ1106B	7,800	500	83.0 / 69.2	54.8 / 53.3	380,010	R410-A	6 / 11	0.82	ELECTRIC REHEAT	7,800	25.1	70	SCR	460/360	0.10	(2) 6.3	(2) 2.3	1	460/360	D	UNIT MOUNTED	5	1	300	6,100	1, 2, 3, 4, 5	

TERV UNIT CONDENSING UNIT SCHEDULE

IDENTIFICATION	DESIGN BASIS	MODEL NO.	SYSTEM	REFRIGERANT	TOTAL COOLING CAP. (BTU/H) (1)	UNIT ELEC. (3)			MAXIMUM SIZE (L x W x H) (IN)	OPERATING WEIGHT (LBS)	ACCESSORIES	REMARKS / DUPLICATES
						ELEC.	MCA	MFA				
CU-1	DAIKIN	RSC015D	TERV-1	R410-A	163,540	460/360	32.2	40	99 x 58 x 56	1,850	1, 2, 3, 4, 5, 6, 7, 8	
CU-2	DAIKIN	RSC040D	TERV-2	R410-A	406,852	460/360	80.6	90	99 x 80 x 56	2,500	1, 2, 3, 4, 5, 6, 7, 8	
CU-3	DAIKIN	RSC040D	TERV-3	R410-A	406,852	460/360	80.6	90	99 x 80 x 56	2,500	1, 2, 3, 4, 5, 6, 7, 8	

ENTHALPY WHEEL PERFORMANCE SCHEDULE

IDENTIFICATION	AREA SERVED	PATH	ENTHALPY WHEEL PERFORMANCE							
			SUMMER				WINTER			
			E.A.T. (DBWB) (°F)	L.A.T. (DBWB) (°F)	DELTA GRAINS	MAX. AIR SP LOSS (IN)	E.A.T. (DBWB) (°F)	L.A.T. (DBWB) (°F)	DELTA GRAINS	MAX. AIR SP LOSS (IN)
TERV-1	VENTILATION AIR	OA	95.0 / 77.0	83.9 / 69.7	(25.0)	0.69	18.0 / 14.9	46.4 / 39.2	(16.5)	0.42
		EX	75.0 / 62.5	92.5 / 75.2	39.5	0.68	72.0 / 55.5	23.7 / 21.0	27.4	0.42
TERV-2	VENTILATION AIR	OA	95.0 / 77.0	83.0 / 69.2	(26.2)	0.73	18.0 / 14.9	49.2 / 41.0	(17.5)	0.54
		EX	75.0 / 62.5	90.7 / 73.9	34.6	0.73	72.0 / 55.5	28.4 / 25.3	24.3	0.54
TERV-3	VENTILATION AIR	OA	95.0 / 77.0	83.0 / 69.2	(26.2)	0.73	18.0 / 14.9	49.2 / 41.0	(17.5)	0.54
		EX	75.0 / 62.5	90.7 / 73.9	34.6	0.73	72.0 / 55.5	28.4 / 25.3	24.3	0.54

HEAT PUMP SCHEDULE

TAG	AMB F	COOLING MBH	AMB F	HEATING MBH	FAN QTY	ELECTRICAL				BASIS OF DESIGN		
						VOLTS	PH	HZ	MCA	MOCPP	MFR	MODEL
HP-15	95	120	15	135	2	208	3	60	43	50	DAIKIN	REYQ
HP-16	95	120	15	135	2	208	3	60	43	50	DAIKIN	REYQ
HP-17	95	72	15	75	1	208	3	60	30.2	35	DAIKIN	REYQ
HP-18	95	72	15	75	1	208	3	60	30.2	35	DAIKIN	REYQ
HP-19	95	72	15	75	1	208	3	60	30.2	35	DAIKIN	REYQ
HP-20	95	72	15	75	1	208	3	60	30.2	35	DAIKIN	REYQ

DESIGN CONDITIONS

1. OUTSIDE DESIGN CONDITIONS:
 SUMMER: 92 F DB / 74 F WB
 WINTER: 25 F

2. GENERAL BUILDING CRITERIA:
 WALL U-FACTOR: .08
 ROOF U-FACTOR: .05
 GLASS U-FACTOR: .5
 GLASS SHADING COEFFICIENT: .5

3. GENERAL BUILDING DESIGN LOAD REQUIREMENTS:
 LIGHTNING EQUIPMENT: 0.5-1 W/SF
 1-2 W/SF
 PEOPLE: 250 BTU/PERSON

4. COMFORT HEATING:
 ROOM TYPES: BEDROOMS, GENERAL ASSEMBLY AREAS
 68F +-2F
 68F +-2F

5. COMFORT COOLING:
 ROOM TYPES: BEDROOMS, GENERAL ASSEMBLY AREAS
 76F +-2F / 50%RH
 76F +-2F / 50%RH

6. CODES:
 REFER TO PROJECT TITLE PAGE

VRV FAN COIL UNIT SCHEDULE

TAG	TYPE	FAN DATA	COOLING MBH	HEATING MBH	ELECTRICAL				BASIS OF DESIGN	
					VOLTS	PH	HZ	MCA	MFR	MODEL
FCU-15-1	WALL MOUNTED	260	3	3	208	1	60	0.4	DAIKIN	FXAQ
FCU-15-2	WALL MOUNTED	260	3	3	208	1	60	0.4	DAIKIN	FXAQ
FCU-15-3	CEILING CASSETTE	1165	32	3	208	1	60	0.4	DAIKIN	FXZQ
FCU-15-4	CEILING CASSETTE	1165	32	3	208	1	60	0.4	DAIKIN	FXZQ
FCU-15-5	WALL MOUNTED	260	5	2	208	1	60	0.4	DAIKIN	FXAQ
FCU-15-6	WALL MOUNTED	260	6	3	208	1	60	0.4	DAIKIN	FXAQ
FCU-15-7	CEILING CASSETTE	440	7	2	208	1	60	0.4	DAIKIN	FXZQ
FCU-15-8	WALL MOUNTED	260	6	3	208	1	60	0.4	DAIKIN	FXAQ
FCU-15-9	WALL MOUNTED	260	4	2	208	1	60	0.4	DAIKIN	FXAQ
FCU-16-1	HORIZONTAL CONCEALED	565	23	4	208	1	60	0.8	DAIKIN	FXSQ
FCU-16-2	HORIZONTAL CONCEALED	565	23	6	208	1	60	0.8	DAIKIN	FXSQ
FCU-16-3	WALL MOUNTED	260	3	2	208	1	60	0.4	DAIKIN	FXAQ
FCU-16-4	WALL MOUNTED	260	3	2	208	1	60	0.4	DAIKIN	FXAQ
FCU-16-5	CEILING CASSETTE	440	7	2	208	1	60	0.4	DAIKIN	FXZQ
FCU-16-6	WALL MOUNTED	260	3	2	208	1	60	0.4	DAIKIN	FXAQ
FCU-16-7	WALL MOUNTED	260	3	2	208	1	60	0.4	DAIKIN	FXAQ
FCU-16-8	WALL MOUNTED	260	5	2	208	1	60	0.4	DAIKIN	FXAQ
FCU-16-9	WALL MOUNTED	260	6	3	208	1	60	0.4	DAIKIN	FXAQ
FCU-16-10	CEILING CASSETTE	440	7	2	208	1	60	0.4	DAIKIN	FXZQ
FCU-16-11	WALL MOUNTED	260	6	3	208	1	60	0.4	DAIKIN	FXAQ
FCU-16-12	WALL MOUNTED	260	4	2	208	1	60	0.4	DAIKIN	FXAQ
FCU-17-1	CEILING CASSETTE	1165	32	3	208	1	60	0.4	DAIKIN	FXZQ
FCU-17-2	WALL MOUNTED	290	12	0	208	1	60	0.4	DAIKIN	FXAQ
FCU-17-3	WALL MOUNTED	260	5	2	208	1	60	0.4	DAIKIN	FXAQ
FCU-17-4	WALL MOUNTED	260	5	2	208	1	60	0.4	DAIKIN	FXAQ
FCU-17-5	CEILING CASSETTE	440	5	2	208	1	60	0.4	DAIKIN	FXZQ
FCU-17-6	WALL MOUNTED	260	5	2	208	1	60	0.4	DAIKIN	FXAQ
FCU-17-7	WALL MOUNTED	260	5	2	208	1	60	0.4	DAIKIN	FXAQ
FCU-18-1	HORIZONTAL CONCEALED	800	29	7	208	1	60	0.8	DAIKIN	FXSQ
FCU-18-2	CEILING CASSETTE	565	14	4	208	1	60	0.4	DAIKIN	FXZQ
FCU-19-1	WALL MOUNTED	565	24	0	208	1	60	0.4	DAIKIN	FXAQ
FCU-19-2	WALL MOUNTED	260	5	2	208	1	60	0.4	DAIKIN	FXAQ
FCU-19-3	WALL MOUNTED	260	5	2	208	1	60	0.4	DAIKIN	FXAQ
FCU-19-4	CEILING CASSETTE	440	7	2	208	1	60	0.4	DAIKIN	FXSQ
FCU-19-5	WALL MOUNTED	260	5	2	208	1	60	0.4	DAIKIN	FXAQ
FCU-19-6	WALL MOUNTED	260	5	2	208	1	60	0.4	DAIKIN	FXAQ
FCU-20-1	HORIZONTAL CONCEALED	1165	26	10	208	1	60	0.4	DAIKIN	FXSQ
FCU-20-2	CEILING CASSETTE	620	14	5	208	1	60	0.4	DAIKIN	FXZQ



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EMORY
 PROJECT NO: CP200000158

EMORY UNIVERSITY SORORITY LODGES A-E
 11 EAGLE ROW,
 ATLANTA GEORGIA 30322
 EMORY UNIVERSITY

NOT FOR CONSTRUCTION

DOCUMENT HISTORY

ARCHENR OF RECORD

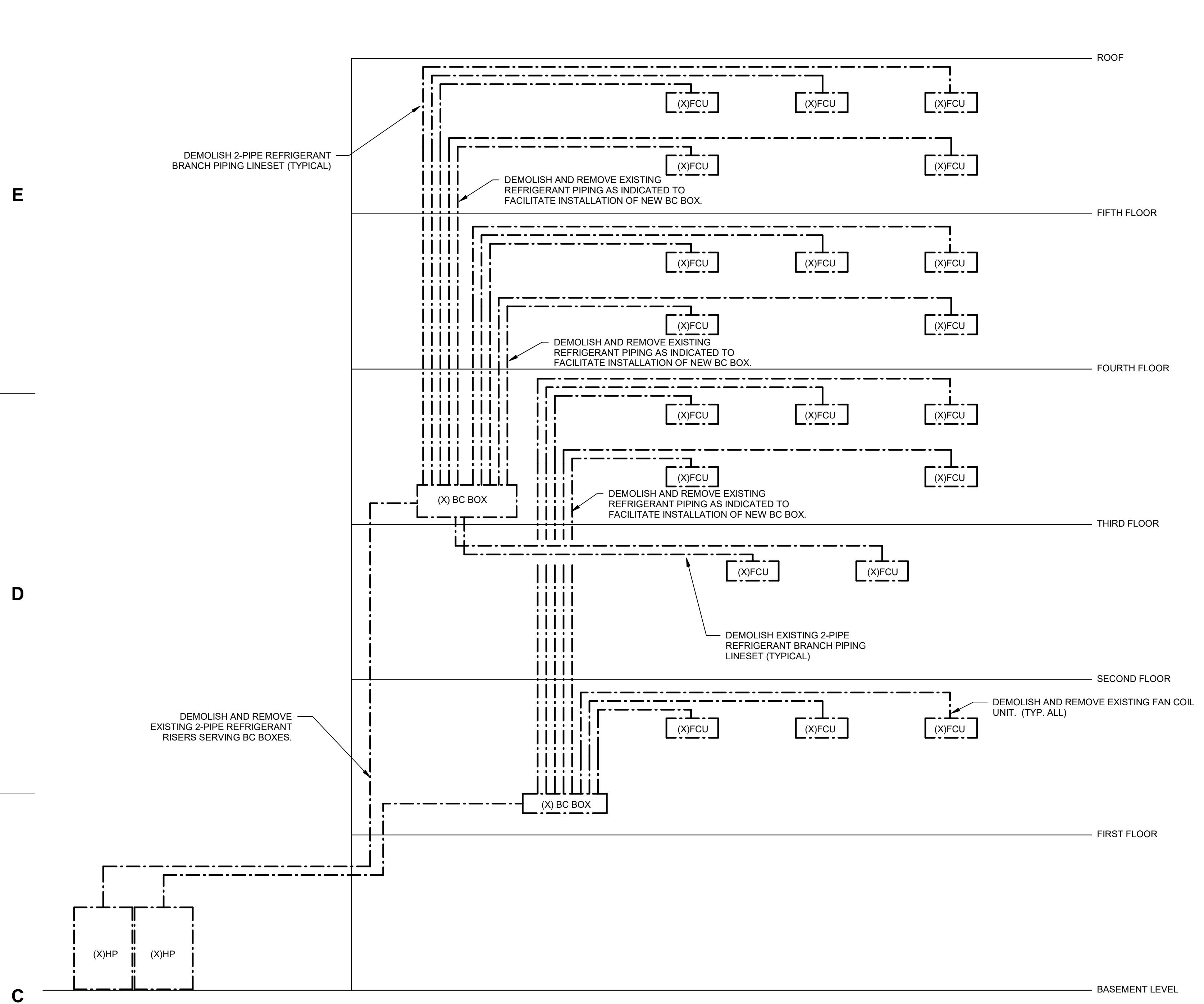
DESIGNED BY: SSR
 DRAWN BY: SSR
 PROJECT NUMBER: 19003.00
 DATE: 12/16/21
 TITLE: HVAC SCHEDULES

DRAWING NO.

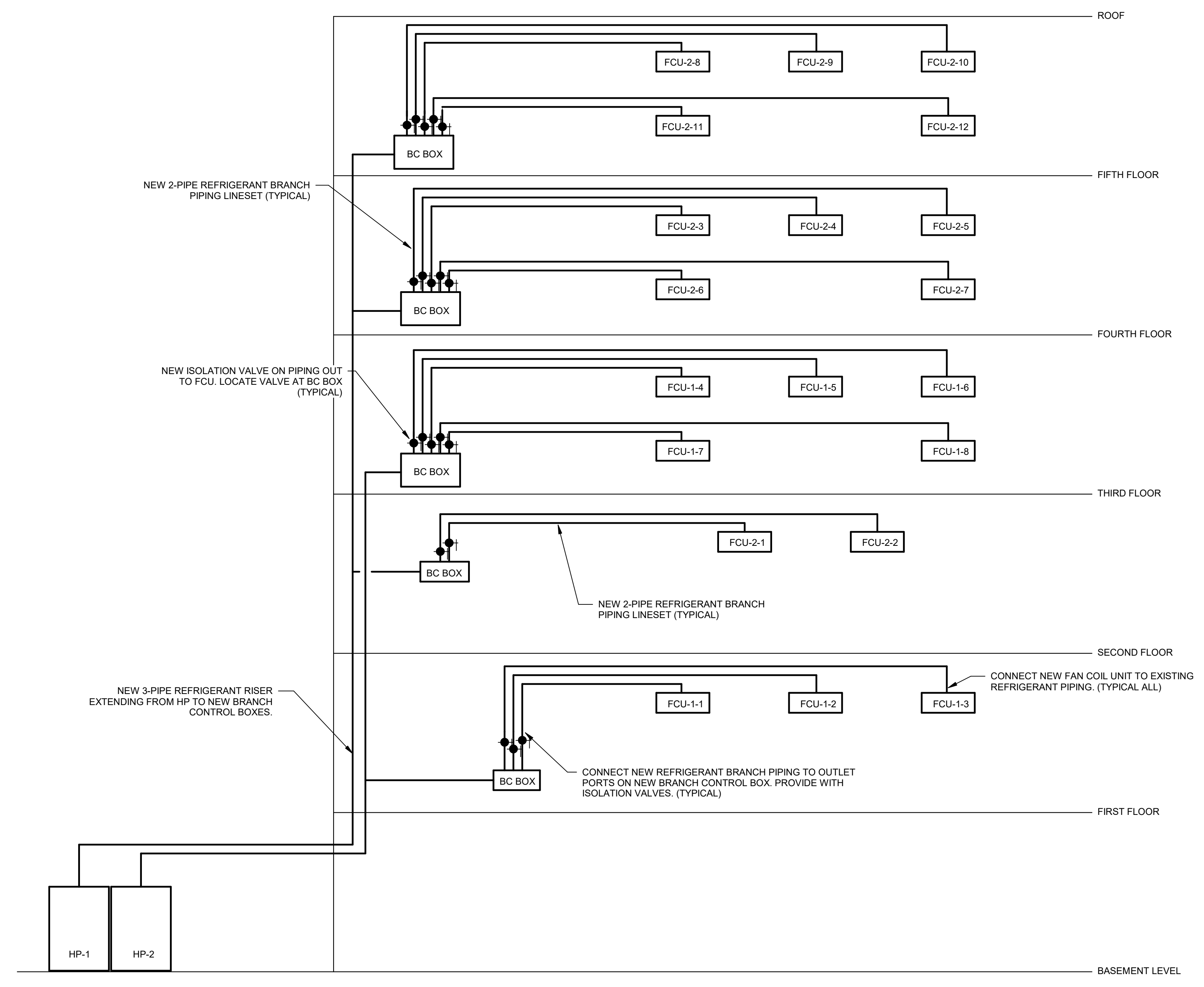
M-700-2

B:\19\2021\19003.00 - Emory Sorority Lodges
 Reviewer: JRM/AC, Emory Sorority Lodges
 12/16/2021 9:53:31 AM

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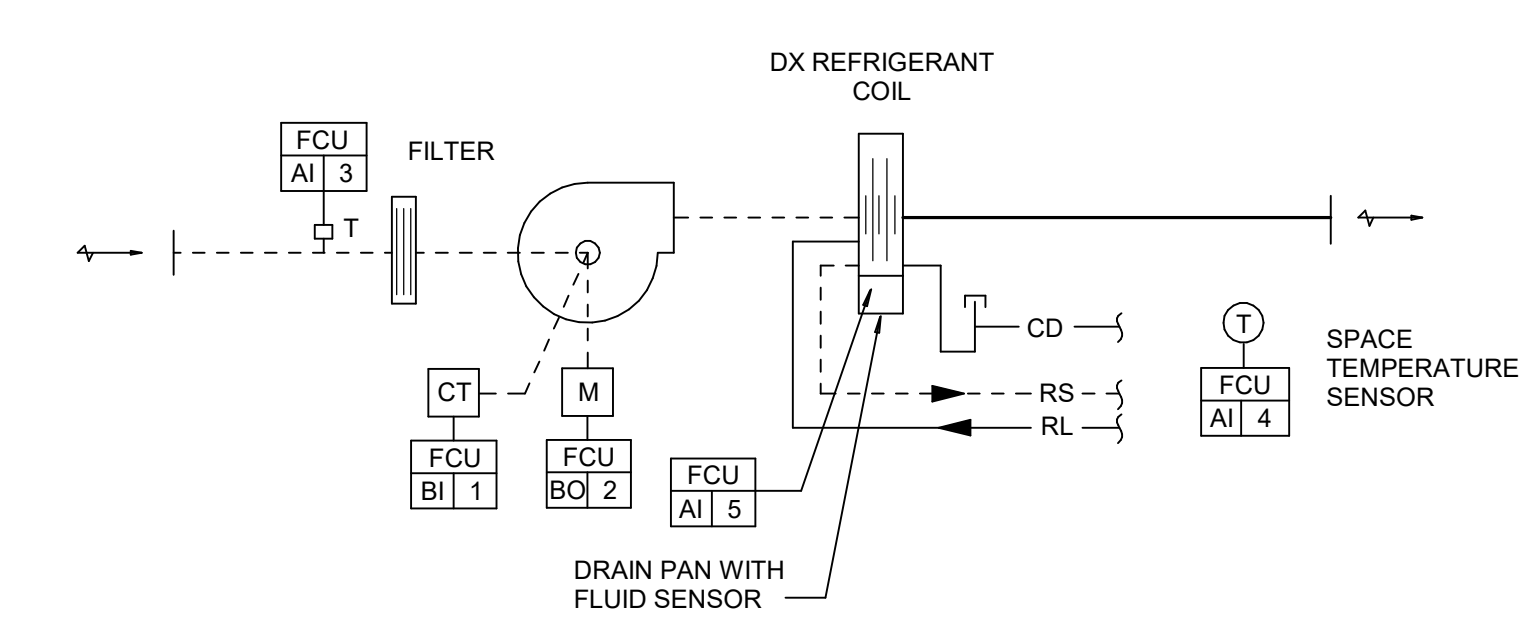


1 C-J APARTMENT REFRIGERANT PIPING DEMOLITION SCHEMATIC DIAGRAM M-800-2 NO SCALE



2 C-J APARTMENT REFRIGERANT PIPING SCHEMATIC DIAGRAM M-800-2 NO SCALE

VRF FAN COIL UNIT CONTROLS SCHEMATIC



VRF FAN COIL UNIT SEQUENCE OF OPERATIONS

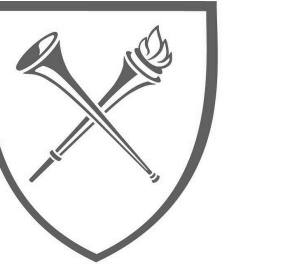
- PART 1 - MASTER HEATING AND COOLING CONTROL
PART 2 - FAN COIL UNIT CONTROL
A. SYSTEM CONTROL
B. SPACE TEMPERATURE CONTROL
C. FAN / VANE CONTROL
D. INTEGRATED FEATURES
E. ALARMS AND FAILURE MODES
F. PROGRAMS

VRF SYSTEM NOTES:

- 1. ENERGY RECOVERY HEAT PUMP SHALL BE CAPABLE OF PROVIDING SIMULTANEOUS HEATING AND COOLING TO EACH FAN COIL UNIT.
2. EACH FAN COIL UNIT SHALL BE PROVIDED WITH AN ISOLATION VALVE ON THE REFRIGERANT PIPING.
3. THE VARIABLE CAPACITY, HEAT PUMP HEAT RECOVERY AIR CONDITIONING SYSTEM SHALL BE CONNECTED TO THE NEW BUILDING CONTROL MANAGEMENT SYSTEM AT THE CENTRALIZED CONTROLLER...

VRF SEQUENCE OF OPERATION

- 1. SEE PLANS FOR LOCATIONS OF TEMPERATURE SENSORS, PANELS, DAMPERS, VALVES AND EQUIPMENT; WHERE SUCH DEVICES ARE NOT INDICATED, HOWEVER REQUIRED BY THE SEQUENCES, THEY SHALL BE PROVIDED BY THE CONTRACTOR AS PART OF THE CONTRACT AND LOCATED IN THE FIELD BY THE ARCHITECT.
2. A FULL COMMUNICATIONS INTERFACE AND COMPLETE INTEROPERABILITY WITH CAMPUS AUTOMATIC TEMPERATURE CONTROL SYSTEM SHALL BE PROVIDED TO PERFORM THE FUNCTIONS HEREIN DESCRIBED OR INDICATED IN THE CONTRACT DOCUMENTS...



EMORY

PROJECT NO: CP200000158

EMORY UNIVERSITY SORORITY LODGES A-E
11 EAGLE ROW,
ATLANTA GEORGIA 30322
EMORY UNIVERSITY

NOT FOR CONSTRUCTION

DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

ARCHENGR OF RECORD

DESIGNED BY SSR
DRAWN BY SSR
PROJECT NUMBER 19003.00
DATE 12/16/21
TITLE HVAC RISER DIAGRAM

DRAWING NO.

M-801-2

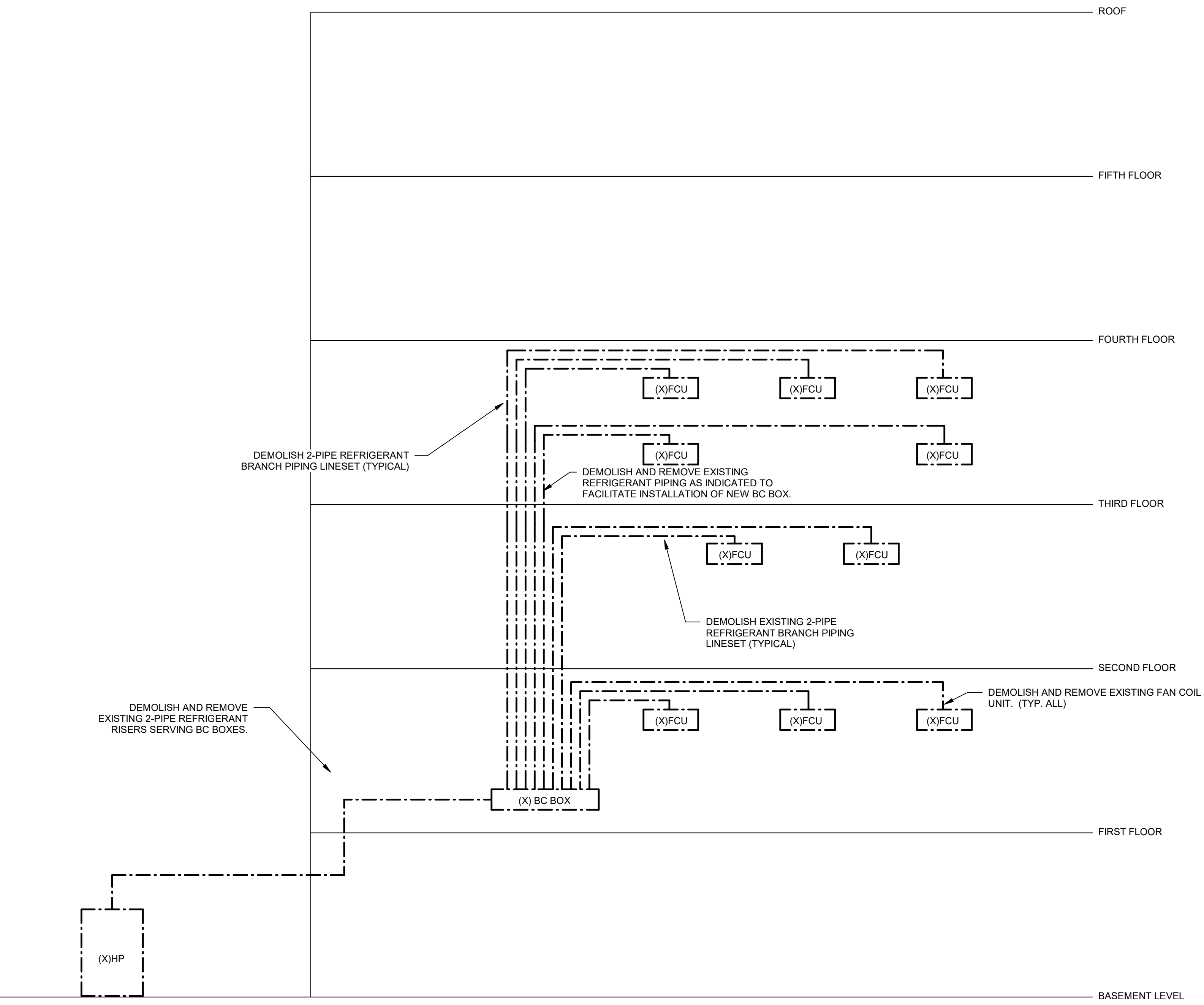
E

D

C

B

A



1 A&B APARTMENT REFRIGERANT PIPING DEMOLITION SCHEMATIC DIAGRAM

M-801-2 3/8" = 1'-0" 0 4 8 16

1

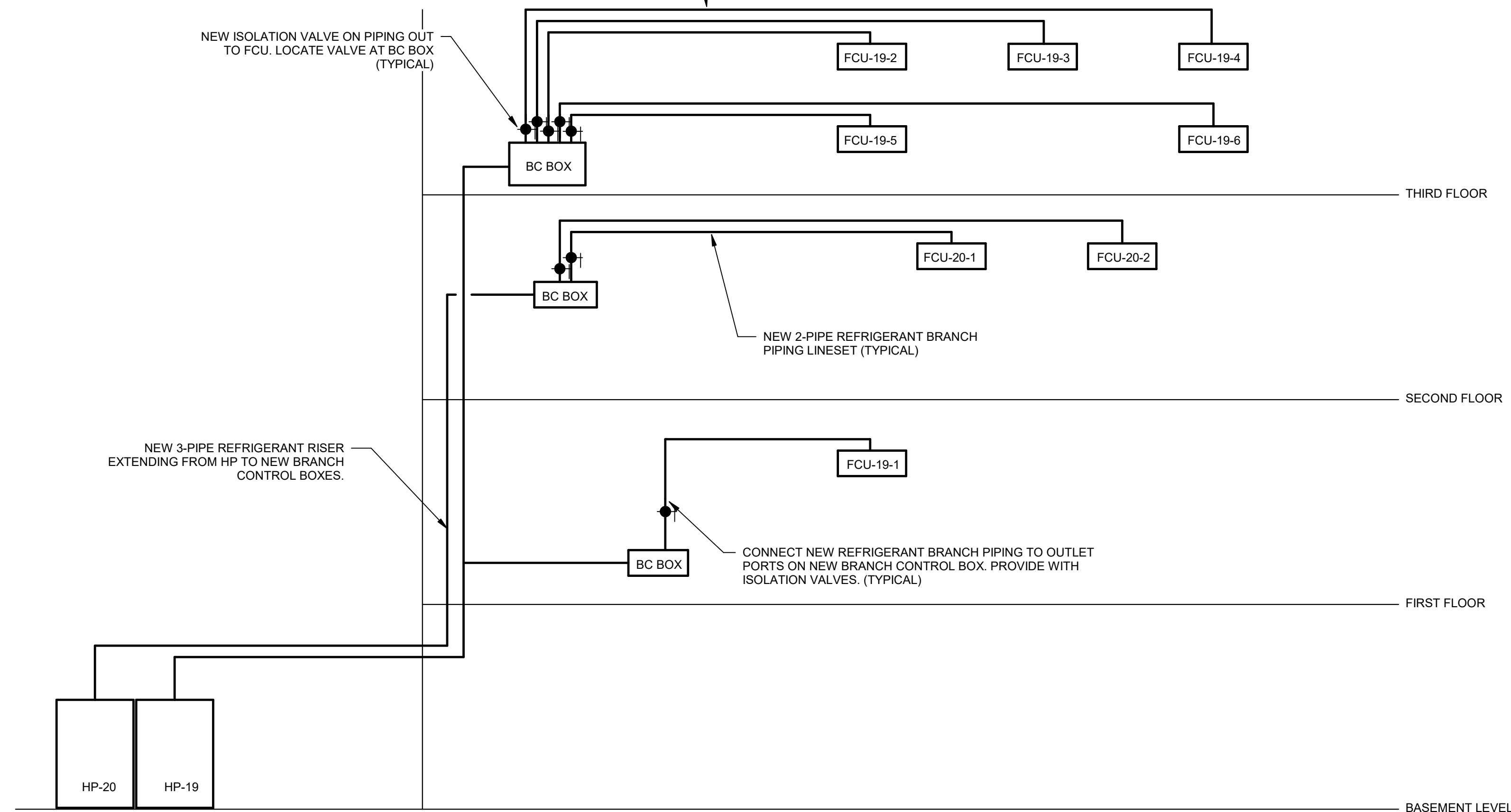
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3

4

5

6



5 A APARTMENT REFRIGERANT PIPING SCHEMATIC DIAGRAM

M-801-2 3/8" = 1'-0" 0 4 8 16

3 B APARTMENT REFRIGERANT PIPING SCHEMATIC DIAGRAM

M-801-2 3/8" = 1'-0" 0 4 8 16

3

4

5

6

BMU 350 (02/02/20) - Emory Sorority Housing
Revisions/9/30/21, Emory Sorority Lodge Riser
12/16/2021 9:55:40 AM



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DOCUMENT HISTORY

Table with 3 columns: No., Description, Date. Contains 5 rows of document history entries.

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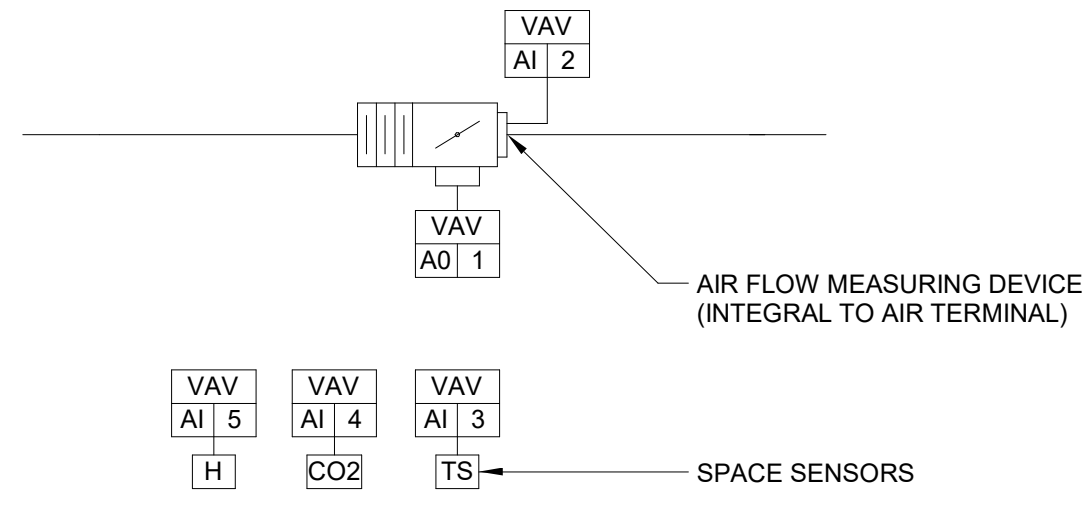
DESIGNED BY
SSR
DRAWN BY
SSR
PROJECT NUMBER
19003.00
DATE
12/16/21

TITLE
HVAC CONTROL
DIAGRAMS

DRAWING NO.

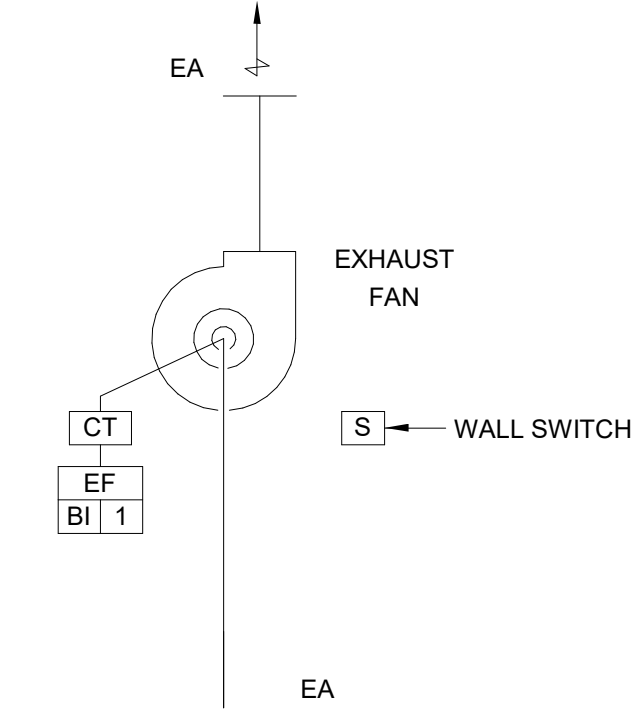
M-802-2

TERMINAL UNIT SEQUENCE OF OPERATION
A. THE VARIABLE VOLUME AIR TERMINAL SHALL OPERATE ON AN OCCUPIED/UNOCCUPIED SCHEDULE. OCCUPIED/UNOCCUPIED MODES SHALL BE AS DETERMINED BY THE OCCUPIED/UNOCCUPIED PROGRAM OF THE BUILDING AUTOMATION SYSTEM (BAS).
B. THE SUPPLY AIR TERMINAL AIR VOLUME REGULATOR SHALL MODULATE TO MAINTAIN THE OCCUPIED SPACE AIRFLOW SETPOINT (MINIMUM SCHEDULED VALUE) PER THE RESPECTIVE SEQUENCES BELOW.
C. SLEEPING ROOMS:
1. TERMINAL UNITS SERVING SLEEPING AREAS SHALL MODULATE TO MAINTAIN THE MINIMUM SCHEDULED AIR FLOW. ON START OF THE CLOTHES DRYER, AS SENSED BY A CURRENT SWITCH HARD WIRED TO THE RESPECTIVE DRYER BOOSTER FAN, THE TERMINAL UNITS SHALL SUPPLY THE MAXIMUM SCHEDULED AIRFLOW.
D. CHAPTER ROOMS:
1. TERMINAL UNITS SERVING THE LOWER LEVEL (CHAPTER ROOMS) SHALL MODULATE TO MAINTAIN CARBON DIOXIDE CONCENTRATION AS SENSED BY THE CARBON DIOXIDE SPACE SENSOR AT 700 PPM (ADJ) ABOVE OUTDOOR CONCENTRATION LEVEL.
E. KITCHEN
1. TERMINAL UNITS SERVING THE SECOND LEVEL (KITCHEN AREA) SHALL MODULATE TO MAINTAIN CARBON DIOXIDE CONCENTRATION, AS SENSED BY THE CARBON DIOXIDE SPACE SENSOR, AT 700 PPM (ADJ) ABOVE OUTDOOR CONCENTRATION LEVEL.
2. ON THE START OF KITCHEN HOOD EXHAUST FAN AS SENSED BY A CURRENT SWITCH HARD WIRED TO THE RESPECTIVE KITCHEN EXHAUST FAN, ALL SECOND LEVEL TERMINAL UNITS SHALL SUPPLY THE MAXIMUM SCHEDULED AIRFLOW.
F. CO2 CONTROL
1. THE DIFFERENTIAL BETWEEN ANY SPACE CO2 LEVEL AND THE OUTDOOR AIR CO2 LEVEL EXCEEDS THE HIGH LIMIT SET POINT OF 700 PPM (ADJ), ALL SUPPLY AIR TERMINAL UNIT AIR VOLUME REGULATORS SERVING THE SPECIFIC SPACE SHALL MODULATE TO THE MAXIMUM CFM SET POINT.
2. ALL SUPPLY AIR TERMINAL AIR VOLUME REGULATORS SERVING THE SPECIFIC SPACE SHALL BE INDEXED BACK TO THE NORMAL SEQUENCE OF OPERATION AS DESCRIBED ABOVE AFTER THE SPACE CO2 LEVEL HAS BEEN RETURNED BELOW THE CO2 DIFFERENTIAL SET POINT FOR A PERIOD OF 30 MINUTES (ADJ).
G. SPACE SENSORS
1. THE BAS SHALL MONITOR THE SPACE TEMPERATURE, CARBON DIOXIDE, AND HUMIDITY FOR EACH LODGE AS SENSED BY THE WALL MOUNTED SENSORS.
H. REFER TO AIR HANDLING UNIT SEQUENCE OF OPERATION FOR SYSTEM STATIC PRESSURE RESET REQUIREMENTS.
I. UPON LOSS OF POWER, AIR VOLUME REGULATOR SHALL FAIL TO THE LAST POSITION HELD PRIOR TO LOSS OF POWER.



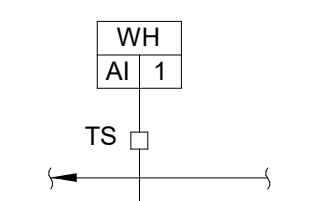
VARIABLE VOLUME SUPPLY AIR TERMINAL UNIT

EXHAUST FAN SEQUENCE OF OPERATION
A. KITCHEN EXHAUST FAN CONTROL (EF-1 - EF-10)
1. THE EXHAUST FANS SHALL BE ENERGIZED VIA A HARDWIRED SIGNAL FROM THE WALL MOUNTED SWITCH. WHEN THE SWITCH IS PLACED IN THE "ON" POSITION THE FAN SHALL ENERGIZE. WHEN THE SWITCH IS PLACED IN THE OFF POSITION THE FAN SHALL DEENERGIZE.
B. DRYER BOOSTER FAN CONTROL (EF-13 - EF-26)
1. THE EXHAUST FANS SHALL BE ENERGIZED VIA A HARDWIRED SIGNAL FROM THE RESPECTIVE DRYER. WHEN THE DRYER IS PLACED IN ENERGIZED THE FAN SHALL ENERGIZE. WHEN THE DRYER IS DEENERGIZED THE FAN SHALL DEENERGIZE.
C. ALARMS & FAILURE MODES
1. A FAILURE OF THE EXHAUST FAN, AS SENSED BY ITS RESPECTIVE CURRENT TRANSDUCERS, SHALL BE ALARMED TO THE BAS. UPON SENSING FAILURE, THE BAS SHALL INDICATE ALARM AND DISABLE THE FAILED FAN.
2. UPON ACTIVATION OF THE FIRE ALARM SYSTEM THE KITCHEN EXHAUST FANS SHALL AUTOMATICALLY DEENERGIZE AND REMAIN DEENERGIZED UNTIL THE ALARM IS DISABLED.
3. UPON ACTIVATION OF THE EMERGENCY STOP SWITCH, LOCATED ADJACENT TO THE FIRE ALARM PANEL, THE KITCHEN EXHAUST FANS SHALL AUTOMATICALLY DEENERGIZE AND REMAIN DEENERGIZED UNTIL THE SWITCH IS DISABLED.



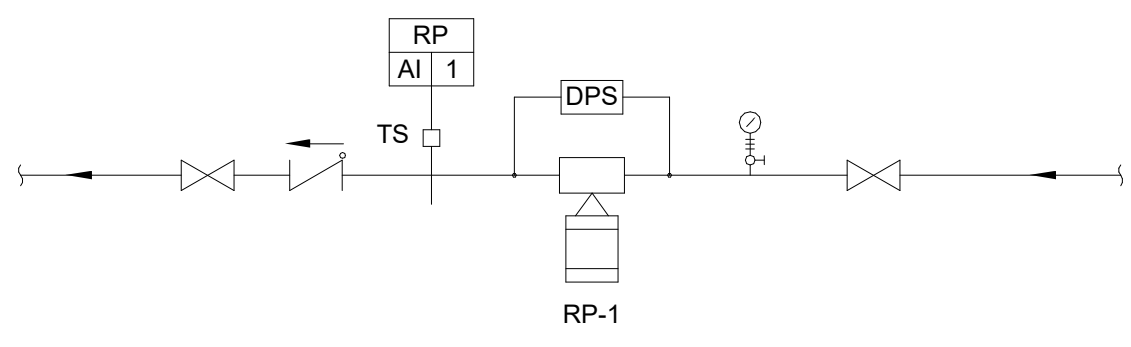
KITCHEN AND DRYER EXHAUST FANS

DOMESTIC WATER HEATER SEQUENCE OF OPERATION
A. DOMESTIC HOT WATER HEATER SHALL OPERATE ON AN OCCUPIED/UNOCCUPIED SCHEDULE, AND SHALL BE TEMPERATURE CONTROLLED DURING THE OCCUPIED SCHEDULE.
1. THE BUILDING AUTOMATION SYSTEM (BAS) SHALL AUTOMATICALLY TURN THE HEATER OFF DURING THE UNOCCUPIED PERIOD (ADJ) AND ON DURING THE OCCUPIED PERIOD (ADJ).
2. THE BAS VIA THE AQUASTAT, SHALL MONITOR THE TEMPERATURE IN THE SUPPLY HOT WATER LINE.
3. THE UPPER LIMIT OF THE AQUASTAT SHALL BE 130°F (ADJ) AND THE LOWER LIMIT SHALL BE 100°F (ADJ).
B. IF THE WATER HEATER FAILS OR FAILS TO START AS SENSED BY THE INTEGRAL CONTROL SYSTEM, THE BAS SHALL BE ALARMED.
C. IF THE RETURN WATER LINE TEMPERATURE FALLS OUTSIDE OF THE TEMPERATURE LIMITS, AS SENSED BY THE AQUASTAT, THE BAS SHALL BE ALARMED.



DOMESTIC HOT WATER HEATERS

RECIRCULATION PUMP SEQUENCE OF OPERATION
A. DOMESTIC HOT WATER RECIRCULATION PUMP RP-1 (120°F) SHALL OPERATE ON AN OCCUPIED/UNOCCUPIED SCHEDULE.
1. THE BUILDING AUTOMATION SYSTEM (BAS) SHALL AUTOMATICALLY TURN THE PUMP OFF DURING THE UNOCCUPIED PERIOD (ADJ) AND ON DURING THE OCCUPIED PERIOD (ADJ).
2. THE BAS VIA THE AQUASTAT, SHALL MONITOR THE TEMPERATURE IN THE RETURN WATER LINE.
3. THE UPPER LIMIT OF THE AQUASTAT SHALL BE 120°F (ADJ) AND THE LOWER LIMIT SHALL BE 100°F (ADJ).
B. IF THE PUMP FAILS OR FAILS TO START AS SENSED BY THE ITS DIFFERENTIAL PRESSURE SWITCH, THE BAS SHALL BE ALARMED.
C. IF THE RETURN WATER LINE TEMPERATURE FALLS OUTSIDE OF THE TEMPERATURE LIMITS, AS SENSED BY THE AQUASTAT, THE BAS SHALL BE ALARMED.



RECIRCULATION PUMP

EMERGENCY GENERATOR SEQUENCE OF OPERATION
A. A SERIAL INTERFACE TO THE GENERATOR SHALL BE PROVIDED. THE BAS SHALL RELAY ONLY THE EXISTING POINTS NOTED IN THE INPUT/OUTPUT SUMMARY. GENERATOR ANNUNCIATOR PANEL IS LOCATED IN ELECTRICAL ROOM 11J-B02.

EMERGENCY GENERATOR

MDF TEMPERATURE SENSOR SEQUENCE OF OPERATION
A. MDF ROOM TEMPERATURE SHALL BE MONITORED BY THE BAS AND ALARM ON A RISE ABOVE 80°F (ADJ).
GROUND FLOOR ELEVATOR MACHINE ROOM TEMPERATURE SENSOR SEQUENCE OF OPERATION
A. ELEVATOR MACHINE ROOM TEMPERATURE SHALL BE MONITORED BY THE BAS AND ALARM ON A RISE ABOVE 80°F (ADJ).

CRITICAL ROOM TEMPERATURE SENSOR

DIGITAL ENERGY METER SEQUENCE OF OPERATION
A. THE BUILDING AUTOMATION SYSTEM (BAS) SHALL TREND DATA RECEIVED FROM THE FOLLOWING METERING EQUIPMENT.
1. DIGITAL WATER METERS: THE BAS SHALL CALCULATE DOMESTIC COLD WATER USAGE FOR EACH SORORITY (UNITS A THROUGH J) BASED ON THE GPM METER.
2. DIGITAL HOT WATER METER: THE BAS SHALL CALCULATE DOMESTIC HOT WATER USAGE BY MONITORING THE HOT WATER SUPPLY METER. SUPPLY WATER FLOW MINUS THE RETURN FLOW OF 1 GPM (VERIFIED THROUGH TAB) SET BY A BALANCING VALVE EQUALS WATER USAGE (UNITS A THROUGH J).
3. DIGITAL ELECTRICAL METERS:
a. THE BAS SHALL MONITOR THE TWO 480V TRANSFORMER ELECTRICAL METERS LOCATED IN THE SWITCHGEAR ROOM 11J-B00. THE METERS "PULSE" INPUT SIGNAL SHALL BE CONVERTED TO "KWH" USAGE AND "KW" POWER DEMAND FOR EMORY'S INTERNAL USE.
b. THE BAS SHALL MONITOR THE TEN 208V ELECTRICAL METERS ASSOCIATED WITH EACH SORORITY LOCATED IN THE SWITCHGEAR ROOM 11J-B00. THE METERS "PULSE" INPUT SIGNAL SHALL BE CONVERTED TO "KWH" USAGE AND "KW" POWER DEMAND FOR EMORY'S INTERNAL USE.
c. THE BAS SHALL MONITOR THE 208V ELECTRICAL METER ASSOCIATED WITH THE APARTMENT. THE METER IS LOCATED IN SWITCHGEAR ROOM 11J-B00. THE METERS "PULSE" INPUT SIGNAL SHALL BE CONVERTED TO "KWH" USAGE AND "KW" POWER DEMAND FOR EMORY'S INTERNAL USE.

DIGITAL ENERGY METERS

BMU 350 (02/09/20) - Emory Sorority Housing
Revised: 1/20/21, Emory Sorority Lodge Plans
12/16/2021 9:05:45 AM

Table with 2 columns: Description, Date/Version. Includes entries for SHADED BUILDING EXTERIOR WALL, STAINLESS STEEL WEATHER SHIELD, GLOBAL OUTDOOR AIR TEMPERATURE SENSOR, etc.

INPUT/OUTPUT SUMMARY

Table with columns: POINT NO., SYSTEM APPARATUS OR AREA POINT DESCRIPTION, ANALOG (MEASURED, CALC.), BINARY, OUTPUTS (BINARY, ANALOG), SYSTEM FEATURES (ALARMS, PROGRAMS), GENERAL.

TERV-1 SEQUENCE OF OPERATION

PART 1 - TEMPERATURE CONTROL SEQUENCES

- A. SEE PLANS FOR LOCATIONS OF ALL TEMPERATURE SENSORS, PANELS, DAMPERS, AND EQUIPMENT. WHERE SUCH DEVICES ARE NOT INDICATED, HOWEVER REQUIRED BY THE SEQUENCES, THEY SHALL BE PROVIDED BY THE CONTRACTOR AS PART OF THE CONTRACT AND LOCATED IN THE FIELD BY THE ARCHITECT. B. A FULL COMMUNICATIONS INTERFACE AND COMPLETE INTEROPERABILITY WITH THE CAMPUS CCI DDC AUTOMATIC TEMPERATURE CONTROL SYSTEM SHALL BE PROVIDED TO PERFORM THE FUNCTIONS HEREIN DESCRIBED OR INDICATED IN THE CONTRACT DOCUMENTS.

PART 2 - MASTER HEATING AND COOLING CONTROL

- A. BAS SHALL NORMALLY CONTROL THE SYSTEM HEATING AND COOLING MODES AS SELECTED ACCORDANCE WITH OUTDOOR AIR TEMPERATURE THROUGH BUILDING GLOBAL OUTDOOR AIR SENSOR. ON A RISE IN OUTDOOR AIR TEMPERATURE TO FIFTY (50) DEGREES FAHRENHEIT (ADJUSTABLE) AND ABOVE, SYSTEMS SHALL OPERATE IN THE COOLING MODE. ON A FALL IN OUTDOOR AIR TEMPERATURE BELOW FIFTY (50) DEGREES FAHRENHEIT SYSTEMS SHALL OPERATE IN THE HEATING MODE. B. CONTROL POINT ADJUSTMENT FOR "HEATING" AND "COOLING" CHANGEOVER TEMPERATURE SHALL BE BY THE BAS.

PART 3 - AIR HANDLING UNIT CONTROL

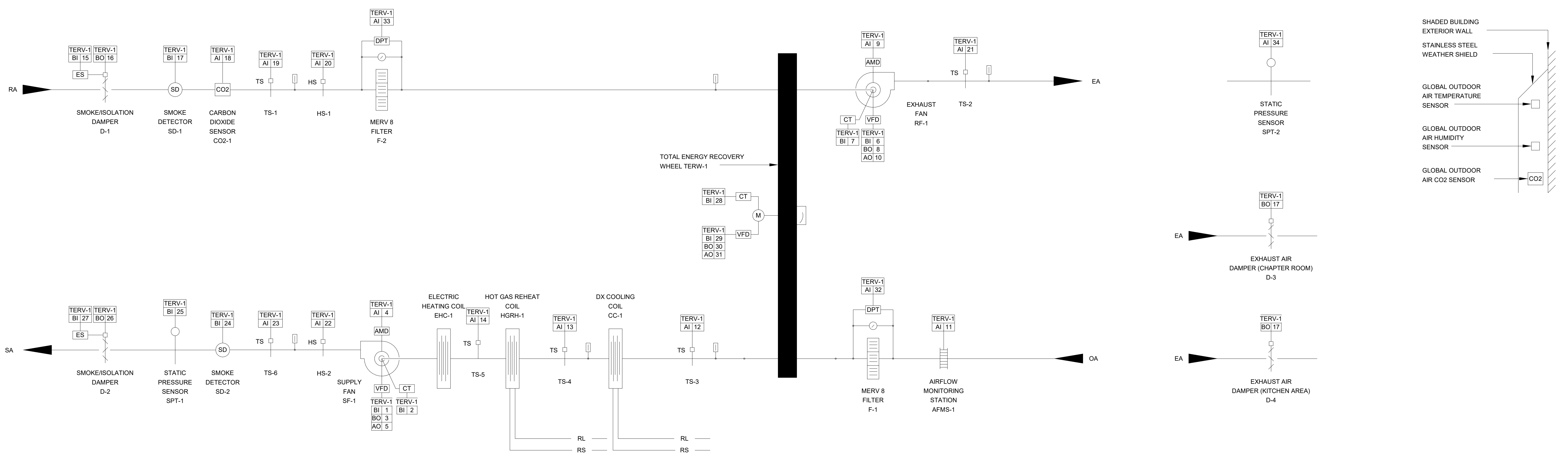
- A. SYSTEM CONTROL 1. SUPPLY FAN, EXHAUST FAN AND TOTAL ENERGY RECOVERY WHEEL SHALL BE MANUALLY INDEXED TO THE AUTOMATIC MODE AT THEIR RESPECTIVE VARIABLE FREQUENCY DRIVES. 2. THE AIR HANDLING UNIT SHALL BE ENERGIZED VIA REMOTE SIGNAL FROM THE BAS. THE BAS SHALL DETERMINE AND OPERATE THE UNIT ON AN OPTIMAL OCCUPIED AND UNOCCUPIED SCHEDULE WITH A 365 DAY/24 HOUR GRAPHIC INTERFACE SCHEDULE PROGRAM. 3. WHEN THE UNIT IS DEENERGIZED THROUGH THE BAS, ALL CONTROLS SHALL RETURN TO THEIR NORMAL POSITION READY FOR RESTARTING. THE TOTAL ENERGY RECOVERY WHEEL SHALL DEENERGIZE, THE SUPPLY AND EXHAUST FANS SHALL DEENERGIZE AND, AFTER AN ADJUSTABLE INTERVAL, OUTSIDE AIR AND EXHAUST AIR DAMPERS D-1 AND D-2 SHALL CLOSE. 4. WHEN SUPPLY FAN SF-1 IS SOFT STARTED THROUGH THE BAS, THE EXHAUST FAN EF-1 SHALL SOFT START AND RUN CONTINUOUSLY AFTER SMOKE ISOLATION DAMPERS D-1 AND D-2 HAVE BEEN PROVEN OPEN. UPON A FAILURE OF DAMPERS D-1 AND D-2 TO OPEN, THE AIR HANDLING UNIT SHALL BE DEENERGIZED AND AN ALARM SHALL BE ANNUNCIATED AT THE BAS. 5. THE SUPPLY FAN SF-1 SPEED SHALL BE MODULATED VIA THE VFD TO MAINTAIN CONSTANT SYSTEM STATIC PRESSURE SET POINT AS SEEN BY SPT-2. THE SUPPLY FAN SHALL BE PROVIDED WITH A HIGH LIMIT CONTROL FUNCTION WHICH SHALL LIMIT THE CFM OF THE FAN TO 115% OF ITS SCHEDULED QUANTITY. THE HIGH LIMIT CONTROL FUNCTION SHALL OVERRIDE SYSTEM STATIC PRESSURE CONTROL, AND SHALL DEENERGIZE THE SUPPLY FAN IF THE CFM EXCEEDS THE HIGH CFM LIMIT. 6. THE SYSTEM STATIC PRESSURE SET POINT SHALL BE RESET IN ACCORDANCE WITH ASHRAE STANDARD 90.1-2013, AS FOLLOWS: THE STATIC PRESSURE SET POINT SHALL BE RESET BASED ON THE WORST CASE SUPPLY AIR TERMINAL AIR REGULATOR POSITION, I.E. THE SYSTEM STATIC PRESSURE SET POINT SHALL BE RESET EVERY ONE (1) HOUR TO MAINTAIN AT A MINIMUM (1) AIR TERMINAL AIR VOLUME REGULATOR AT 90% OPEN POSITION WITH NO AIR TERMINAL AIR VOLUME REGULATORS EXCEEDING 95% OPEN. 7. THE EXHAUST FAN EF-1 SPEED SHALL BE MODULATED TO MAINTAIN CONSTANT DIFFERENTIAL BETWEEN THE EXHAUST AIR QUANTITY AS SEEN BY THE EXHAUST AIR FLOW MONITORING DEVICE AND THE SUPPLY AIR QUANTITY AS SEEN BY THE SUPPLY AIR FLOW MONITORING DEVICE TO PROVIDE PROPER BUILDING PRESSURIZATION. 8. A FAILURE OF EITHER SUPPLY OR EXHAUST FANS AS SENSED BY THEIR RESPECTIVE CURRENT TRANSDUCERS SHALL BE ALARMED TO THE BAS. UPON SENSING FAILURE, THE BAS SHALL INDICATE ALARM, DISABLE THE FAN AND RETURN ALL CONTROLS TO THEIR NORMAL POSITION. 9. STATIC PRESSURE SWITCH (SPT-1) SHALL ANNUNCIATE AN ALARM AT THE BAS AND DEENERGIZE THE SUPPLY FAN WHEN THE HIGH STATIC PRESSURE SET POINT IS REACHED (4" W.G. - ADJUSTABLE). 10. OUTSIDE AIR AND EXHAUST AIR ISOLATION AND SMOKE DAMPERS D-1 AND D-2 SHALL FAIL CLOSED. UNIT SHALL DEENERGIZE IF ANY OF THE DAMPERS THAT ARE REQUIRED TO BE PROVEN OPEN FOR NORMAL OPERATION HAVE FAIL CLOSED. 11. THE BUILDING AUTOMATION SYSTEM SHALL OPERATE THE TOTAL ENERGY RECOVERY WHEEL TERV-1 BY COMPARING THE OUTDOOR AIR STREAM CONDITIONS (AS SEEN BY GLOBAL OUTDOOR TEMPERATURE AND HUMIDITY SENSORS) AND EXHAUST AIR STREAM CONDITIONS (AS SEEN BY TS-1 AND HS-1). THE BAS SHALL MODULATE THE TERY VARIABLE FREQUENCY DRIVE TO CONTROL THE WHEEL ROTATIONAL SPEED IN ORDER TO MAXIMIZE ENERGY RECOVERY WHILE MAINTAINING TERV-1 DISCHARGE AIR DEWPOINT TEMPERATURE AT OR BELOW SET POINT. IN THE HEATING MODE OF OPERATION, THE TERV SHALL OPERATE WHENEVER THE EXHAUST AIR ENTHALPY IS GREATER THAN THE OUTSIDE AIR ENTHALPY. SIMILARLY, IN THE COOLING MODE OF OPERATION THE TERV SHALL OPERATE WHENEVER THE EXHAUST AIR ENTHALPY IS LESS THAN THE OUTSIDE AIR ENTHALPY. UPON A FAILURE OF THE TOTAL ENERGY RECOVERY WHEEL, THE WHEEL SHALL DEENERGIZE. B. HEATING MODE 1. OCCUPIED MODE: SUPPLY AND EXHAUST FANS SHALL BE RUNNING; EXHAUST AND SMOKE/ISOLATION DAMPERS D-1 AND D-2 SHALL BE OPEN, TOTAL ENERGY RECOVERY WHEEL SPEED SHALL MODULATE TO MAXIMIZE HEAT RECOVERY (70 DEGREE LEAVING AIR TEMPERATURE). THE BAS SHALL MODULATE THE ELECTRIC HEATING COIL TO MAINTAIN A COIL DISCHARGE AIR TEMPERATURE OF 70 DEGREES. ON A RISE IN TEMPERATURE ABOVE ITS DISCHARGE AIR SET POINT OF SEVENTY (70) DEGREES FAHRENHEIT, THE BAS SHALL DEENERGIZE THE ELECTRIC HEATING COIL. ON A FURTHER RISE IN TEMPERATURE, UNIT SHALL OPERATE IN ACCORDANCE WITH THE "COOLING MODE" SEQUENCE. 2. UNOCCUPIED MODE: THE BAS SHALL DETERMINE THE UNOCCUPIED MODE BASED ON A 365 DAY/24 HR GRAPHIC INTERFACE SCHEDULE PROGRAM. THE AIR HANDLING UNIT SHALL BE DEENERGIZED WHEN THE UNOCCUPIED MODE IS INITIATED. THE SUPPLY AND EXHAUST FANS SHALL BE ENERGIZED WHEN OUTDOOR AIR TEMPERATURE, AS SEEN BY GLOBAL OUTDOOR AIR TEMPERATURE SENSOR, DROPS BELOW FORTY (40) DEGREES FAHRENHEIT AND ANY TWO ROOM TEMPERATURES DROP BELOW THE REDUCED UNOCCUPIED TEMPERATURE SET POINT OF FIFTY-EIGHT (58) DEGREES FAHRENHEIT (ADJUSTABLE). DAMPER POSITIONS SHALL BE IDENTICAL TO "OCCUPIED MODE". THE AIR HANDLING UNIT SHALL BE DEENERGIZED WHEN THE TEMPERATURE IN ALL ZONES REACHES A MINIMUM OF SIXTY-TWO (62) DEGREES FAHRENHEIT (ADJUSTABLE). C. COOLING MODE 1. OCCUPIED MODE: SUPPLY AND EXHAUST FANS SHALL BE RUNNING; OUTDOOR AIR AND SMOKE DAMPERS D-1 AND D-2 SHALL BE OPEN. TOTAL ENERGY RECOVERY WHEEL SPEED SHALL OPERATE TO MAXIMIZE HEAT RECOVERY (70 DEGREE LEAVING AIR TEMPERATURE). 2. THE BAS SHALL SLOWLY MODULATE THE COOLING COIL TO MAINTAIN THE DISCHARGE AIR TEMPERATURE SET POINT OF SEVENTY(70) DEGREES FAHRENHEIT. ON A FALL IN TEMPERATURE BELOW ITS DISCHARGE AIR SET POINT OF SEVENTY (70) DEGREES FAHRENHEIT, THE BAS SHALL DEENERGIZE THE COOLING COIL. ON A FURTHER FALL IN TEMPERATURE, UNIT SHALL OPERATE IN ACCORDANCE WITH THE "HEATING MODE" SEQUENCE. 3. EXHAUST AIR HUMIDITY SENSOR HS-1 SHALL OVERRIDE DISCHARGE AIR SENSOR TS-1 WHEN THE EXHAUST AIR RH REACHES SIXTY (60) PERCENT (ADJUSTABLE). COOLING COIL SHALL BE FULLY ENERGIZED TO LOWER THE SUPPLY AIR TEMPERATURE. HOT GAS REHEAT COIL SHALL ENERGIZE TO TEMPERATURE SET POINT OF SEVENTY(70) DEGREES FAHRENHEIT. WHEN THE EXHAUST AIR RELATIVE HUMIDITY, AS SEEN BY HS-1 DROPS BELOW FIFTY-FIVE (55) PERCENT, CONTROL OF COOLING COIL SHALL BE RETURNED TO DISCHARGE TEMPERATURE SENSOR TS-1. 4. UNOCCUPIED MODE: THE BAS SHALL DETERMINE THE UNOCCUPIED MODE BASED ON A 365 DAY/24 HR GRAPHIC INTERFACE SCHEDULE PROGRAM. THE AIR HANDLING UNIT SHALL BE DEENERGIZED WHEN THE UNOCCUPIED MODE IS INITIATED. THE SUPPLY AND EXHAUST FANS SHALL BE ENERGIZED WHEN OUTDOOR AIR TEMPERATURE, AS SEEN BY GLOBAL OUTDOOR AIR TEMPERATURE SENSOR, RISES ABOVE 90 DEGREES FAHRENHEIT AND ANY TWO ROOM TEMPERATURES ARE ABOVE THE INCREASED UNOCCUPIED TEMPERATURE SET POINT OF 85 DEGREES FAHRENHEIT (ADJUSTABLE). DAMPER POSITIONS SHALL BE IDENTICAL TO "OCCUPIED MODE". THE AIR HANDLING UNIT SHALL BE DEENERGIZED WHEN THE TEMPERATURE IN ALL ZONES REACHES A MINIMUM OF 80 DEGREES FAHRENHEIT (ADJUSTABLE). D. EXHAUST AIR DAMPER CONTROL 1. EXHAUST AIR MODULATING DAMPERS D-3 AND D-4 SHALL MODULATE TO MAINTAIN A SPACE DIFFERENTIAL PRESSURE OF 0.05 (ADJ.) INCHES WATER COLUMN AS SENSED BY THE STATIC PRESSURE SENSOR MOUNTED IN THE CEILING PLENUM. E. SMOKE CONTROL 1. ANY AIR DISTRIBUTION (HVAC) SMOKE DETECTOR SHALL, ON THE DETECTION OF PRODUCTS OF COMBUSTION, SHUT DOWN THE RESPECTIVE SUPPLY AND EXHAUST FANS SERVING THAT DISTRIBUTION SYSTEM AND CLOSE ALL SYSTEM DAMPERS IN ACCORDANCE WITH IMC. ALL HVAC SMOKE DETECTORS SHALL BE CONNECTED TO THE FIRE ALARM SYSTEM, AS A SUPERVISORY ALARM ONLY, IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA-72 NATIONAL FIRE ALARM CODE. 2. UPON AN INITIATION SIGNAL FROM THE FIRE ALARM SYSTEM, THE AIR HANDLING UNIT AND ALL ASSOCIATED SYSTEM EXHAUST FANS SHALL DEENERGIZE AND AN ALARM SHALL BE ANNUNCIATED AT THE BAS. F. FILTERS 1. DIFFERENTIAL PRESSURE TRANSMITTER INSTALLED ACROSS THE FILTER BANK SHALL ALARM THE BAS WHEN THEIR RESPECTIVE SETTINGS (ADJUSTABLE) ARE REACHED. INITIAL HIGH DIFFERENTIAL PRESSURE SET POINTS SHALL BE PER FILTER MANUFACTURER'S RECOMMENDATIONS. G. OUTDOOR AIR AND CARBON DIOXIDE LEVELS 1. THE OUTDOOR AIRFLOW, AS SEEN BY OUTDOOR AIRFLOW MEASURING STATION, AND BUILDING CARBON DIOXIDE LEVEL, AS SEEN BY SPACE CARBON DIOXIDE SENSORS, SHALL BE TRENDED BY THE BUILDING BAS. H. ALARMS & FAILURE MODES 1. A FAILURE OF THE SUPPLY FAN AND/OR THE EXHAUST FAN, AS SENSED BY THEIR RESPECTIVE CURRENT TRANSDUCERS, SHALL BE ALARMED TO THE BAS. UPON SENSING FAILURE, THE BAS SHALL INDICATE ALARM, DISABLE ALL FANS AND RETURN ALL CONTROLS TO THEIR NORMAL POSITION. 2. UPON A FAILURE OF THE TOTAL ENERGY RECOVERY WHEEL, AS SENSED BY ITS CURRENT TRANSDUCER, SHALL BE ALARMED TO THE BAS. I. PROGRAMS 1. OPTIMAL SUPPLY AIR TEMPERATURE RESET SCHEDULE SHALL BE INCORPORATED WHICH SHALL MINIMIZE THE OVERALL HEATING ENERGY, COOLING ENERGY AND FAN POWER CONSUMPTION WHILE MAINTAINING DESIGN TEMPERATURE, HUMIDITY AND CO2 CONDITIONS.

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TERV-1 SYSTEM SCHEMATIC AND CONTROL DIAGRAM (TYP TERV-2,3)



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DOCUMENT HISTORY

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ARCHITECT OF RECORD

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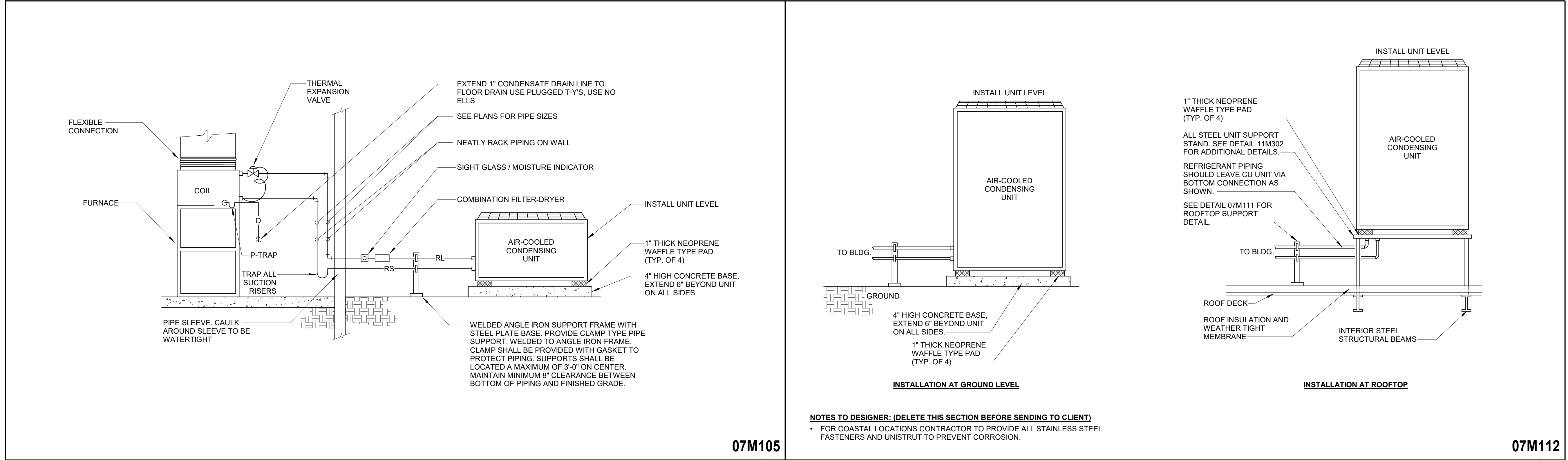
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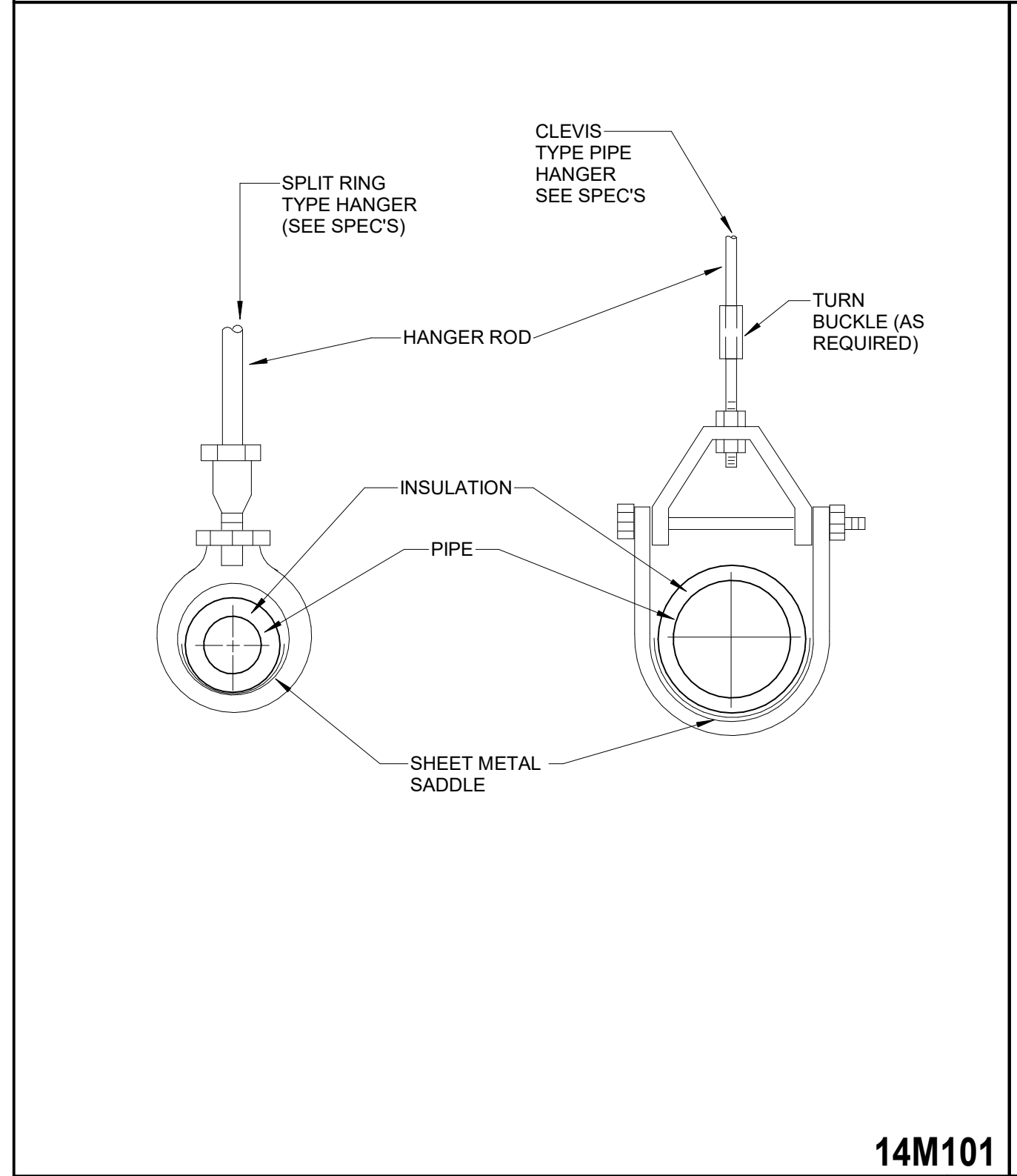
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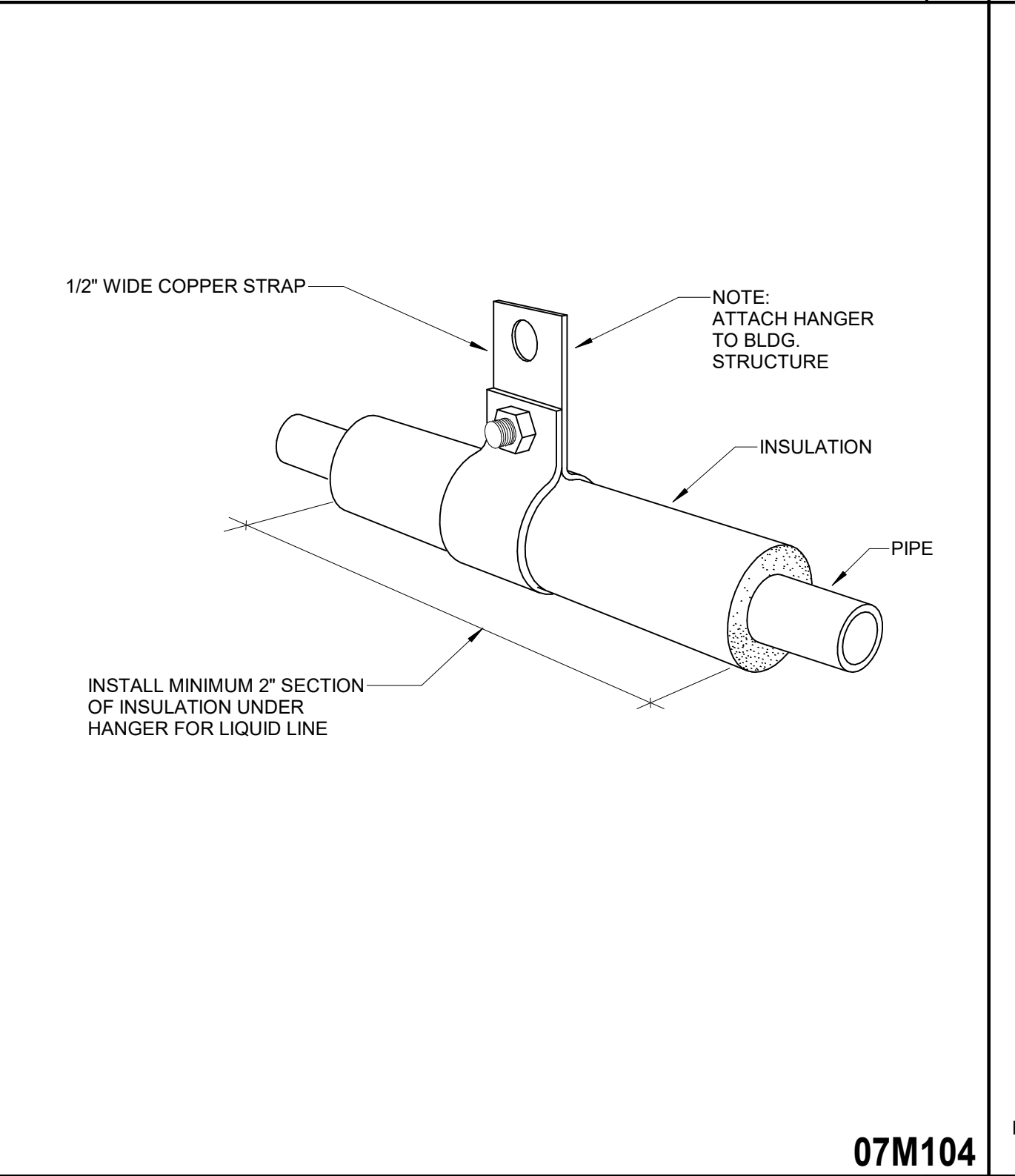
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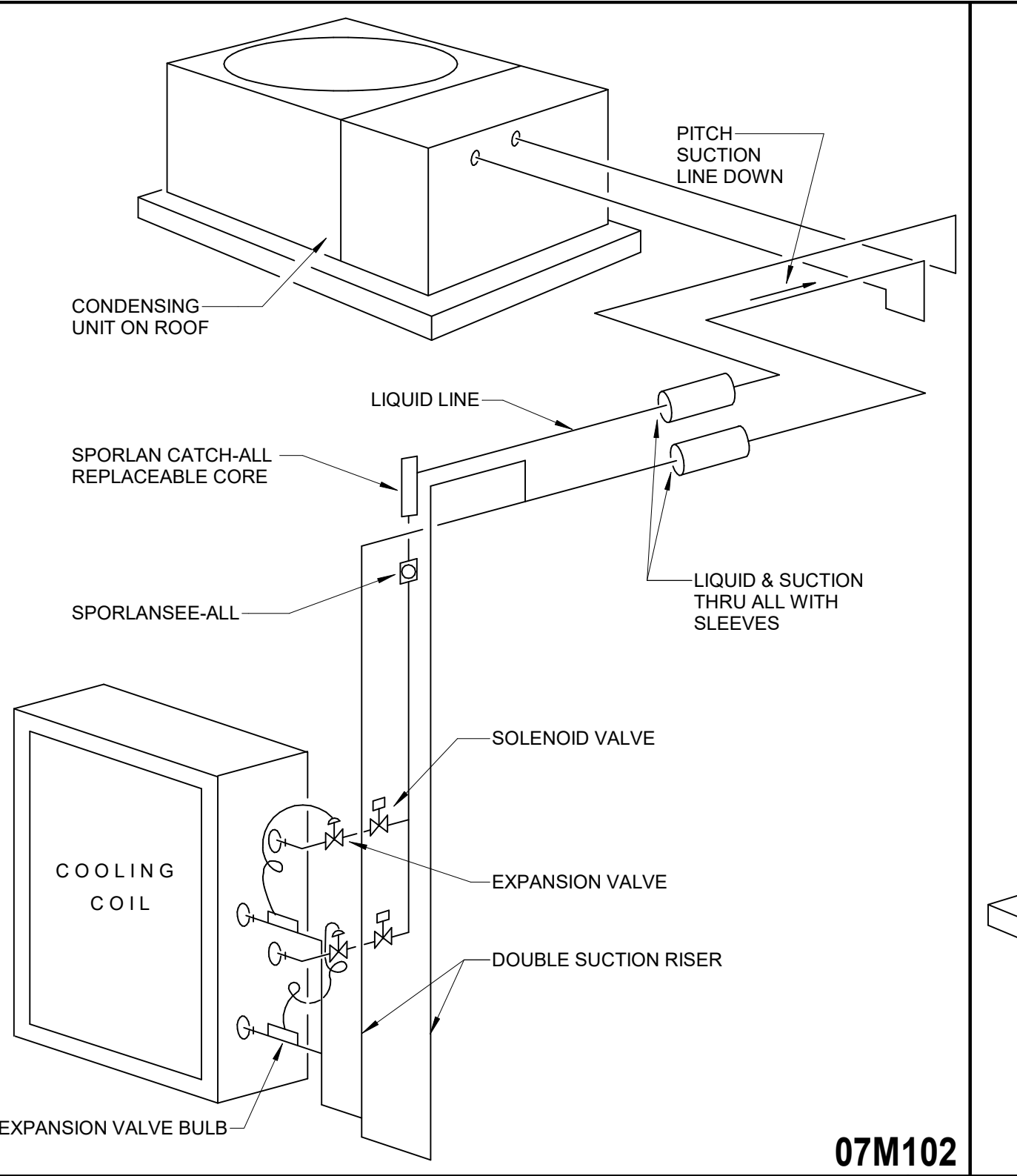
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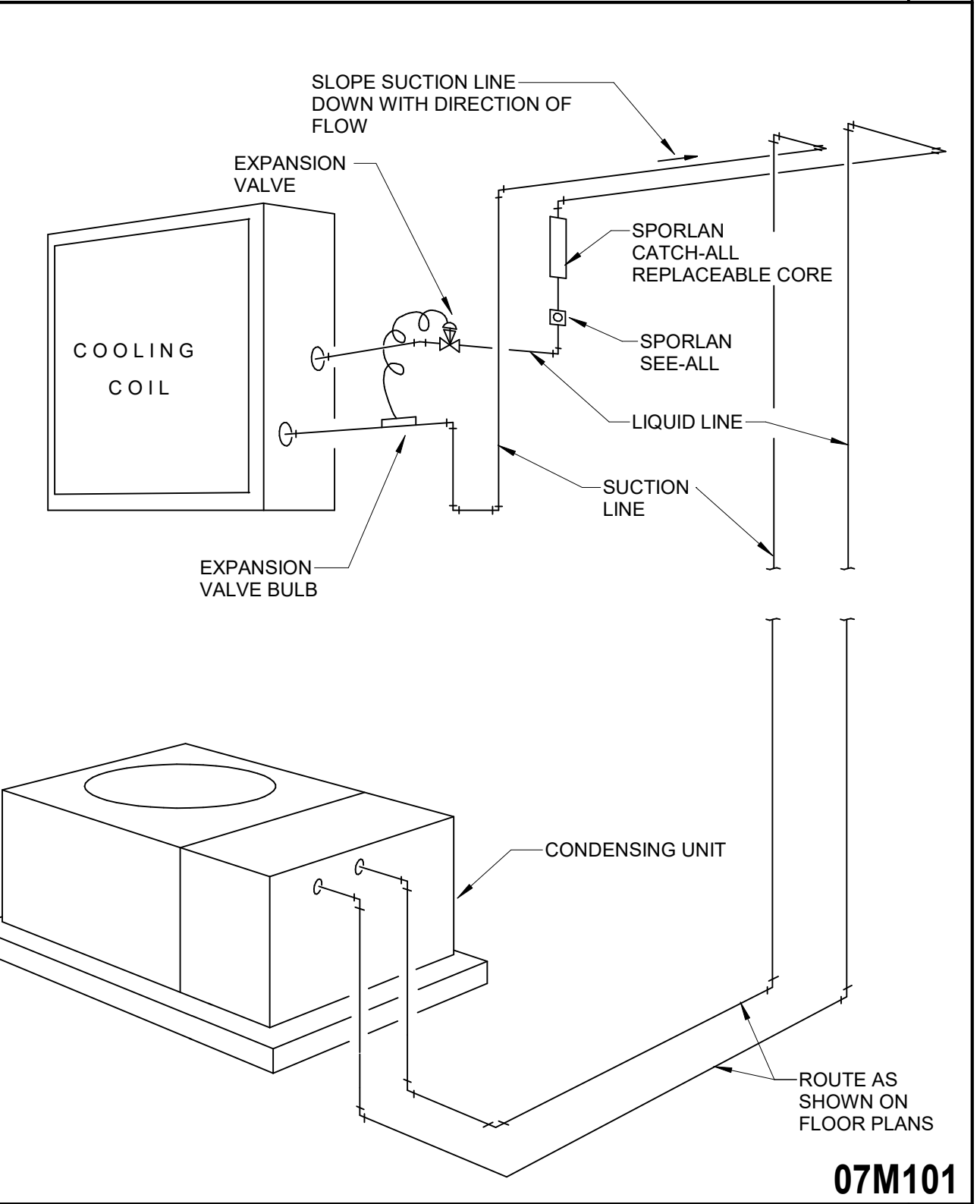
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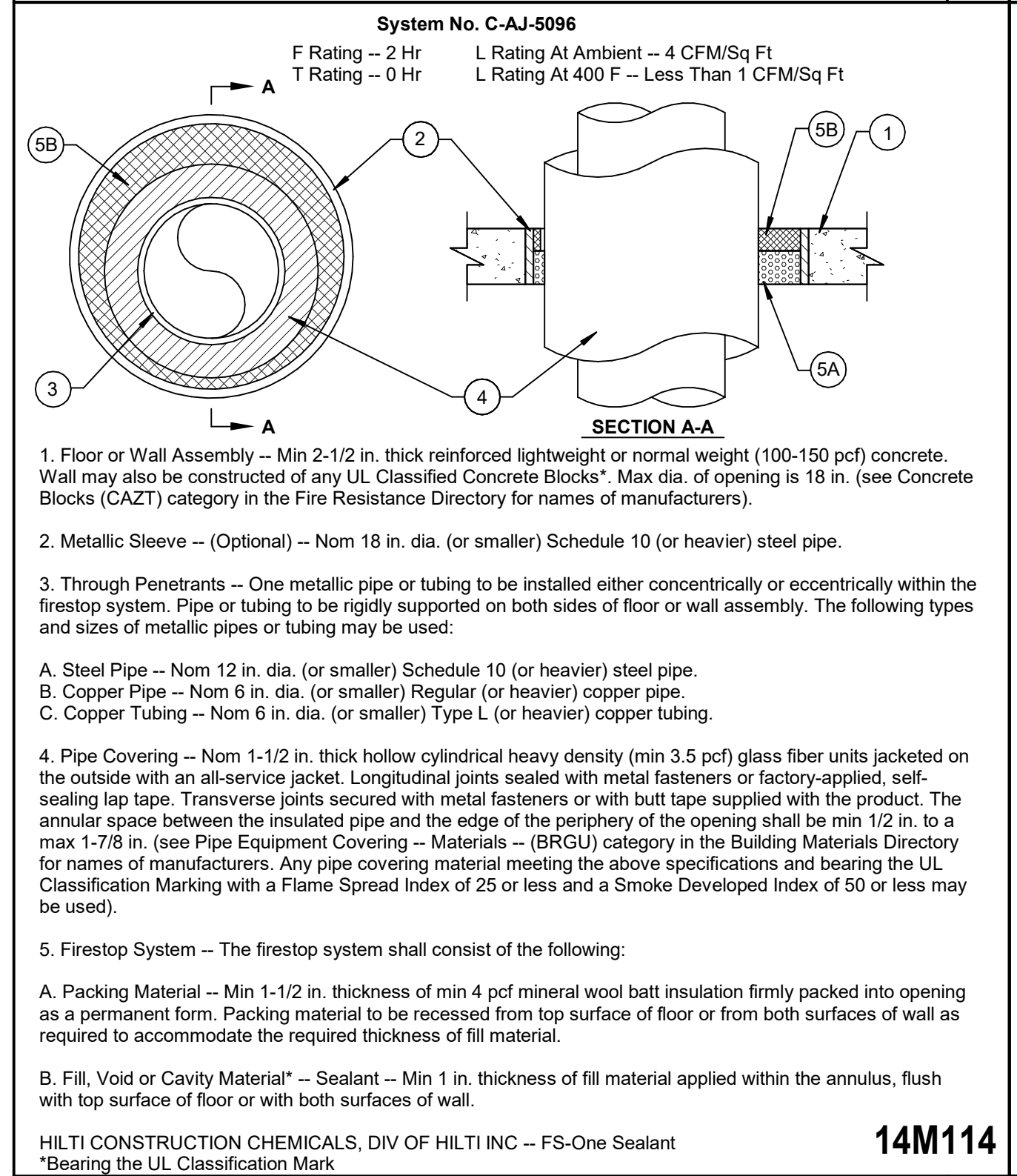
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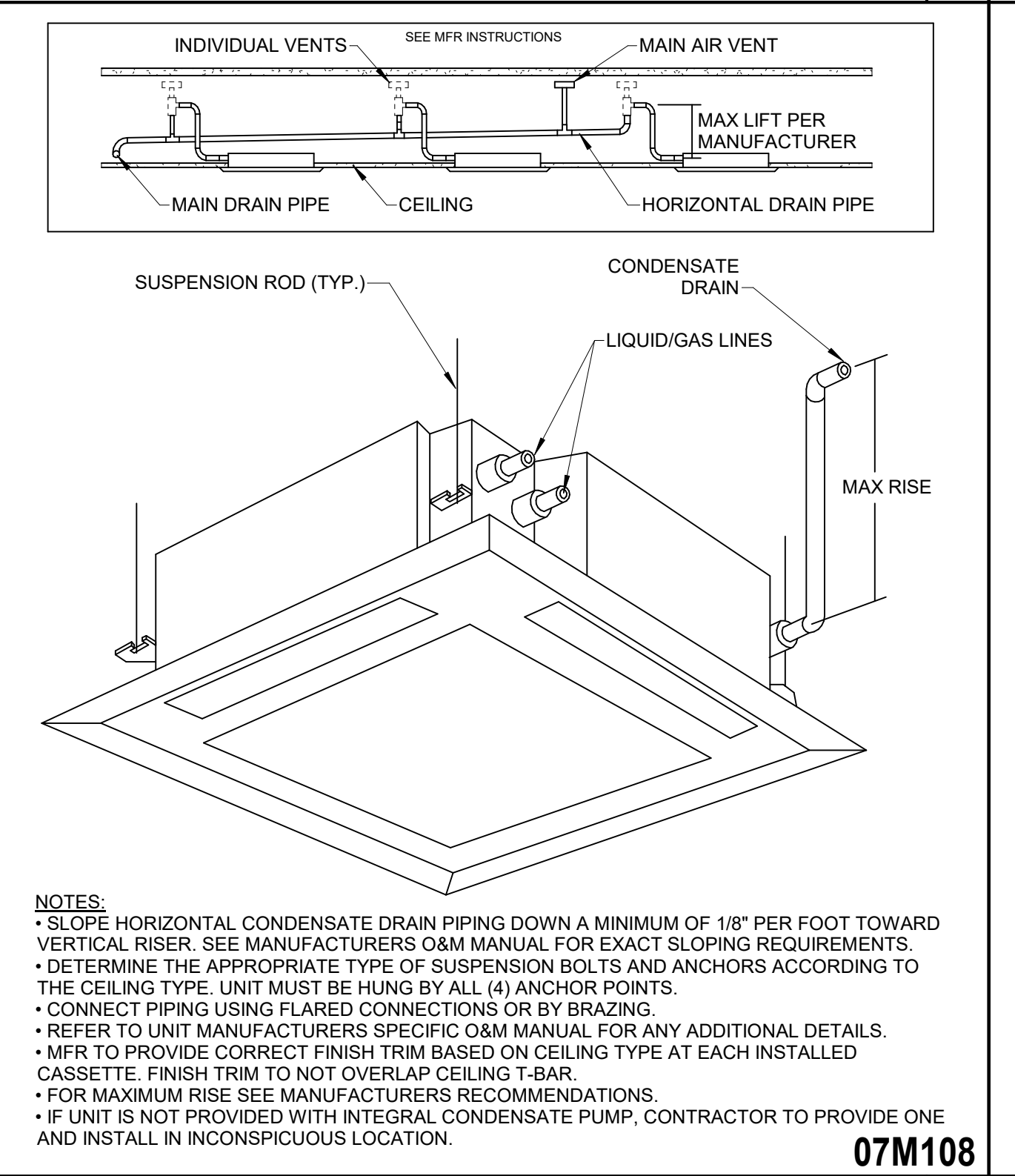
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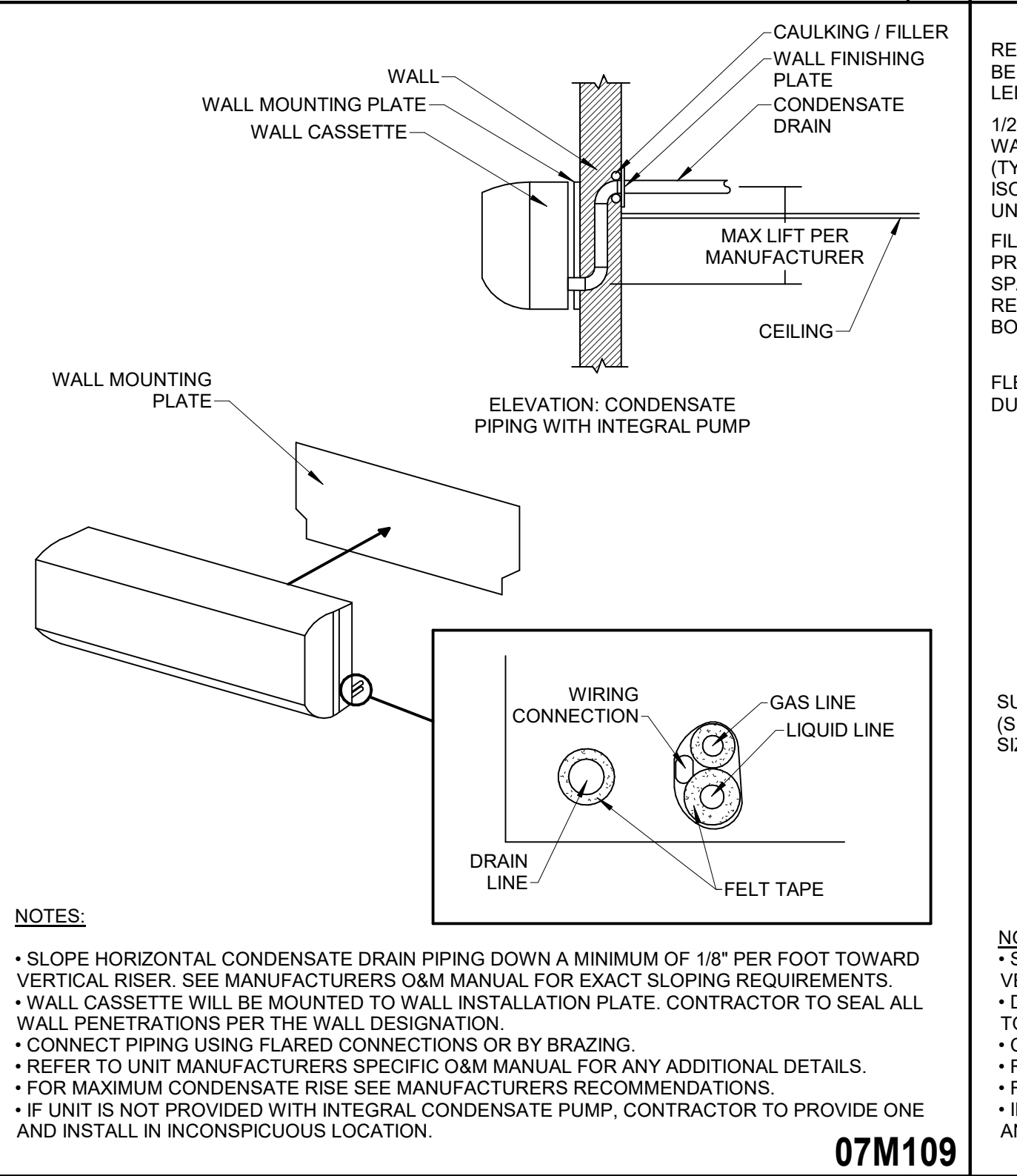
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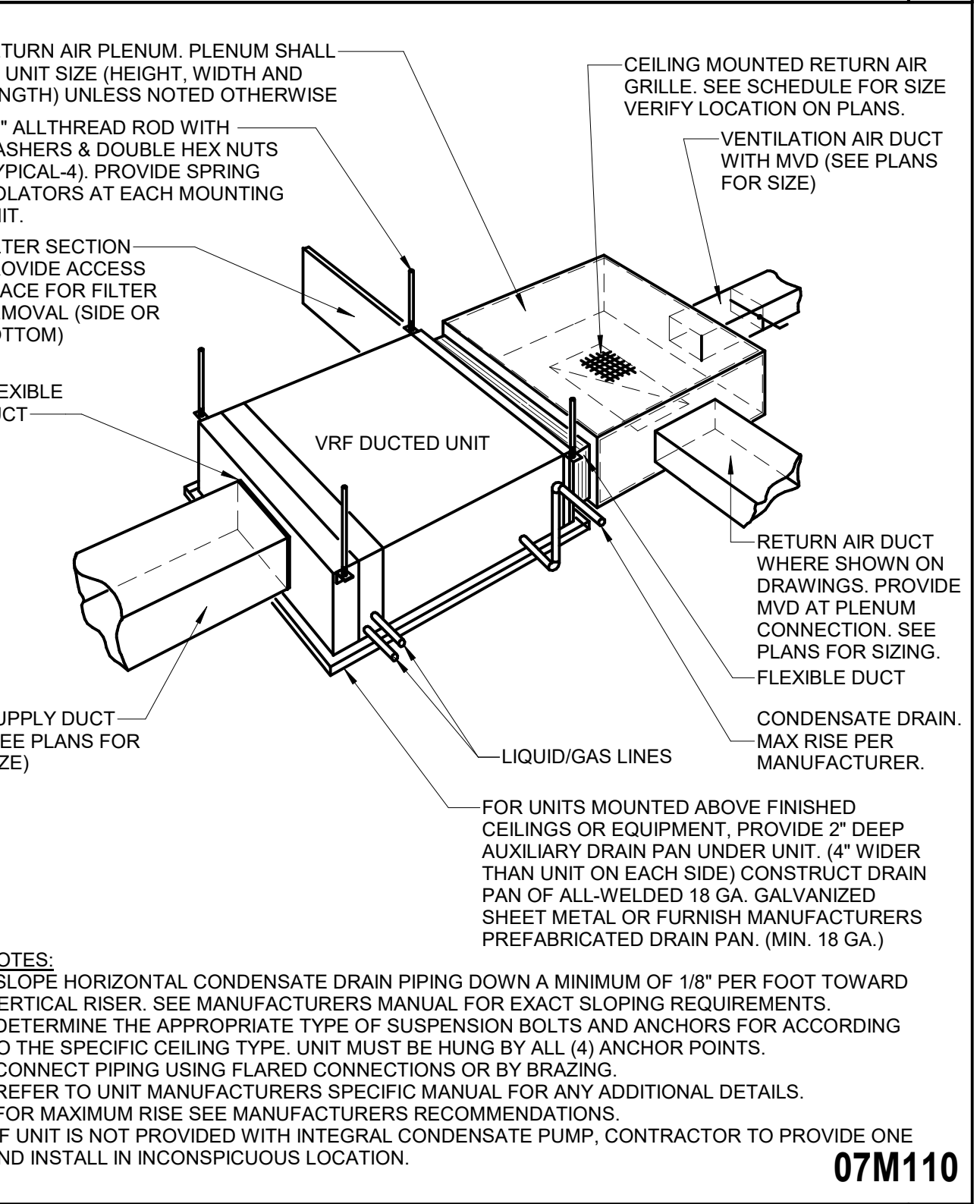
INSULATED METAL PIPE THROUGH CONCRETE FLOOR/WALL 4 14M114



REFRIGERANT CEILING CASSETTE DETAIL 3 07M108



REFRIGERANT WALL CASSETTE DETAIL 2 07M109



CHILLED WATER PIPING AT TWO PIPE ABOVE CEILING FAN COIL UNIT 1 07M110

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C

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EMORY

PROJECT NO: CP200000158

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PLUMBING LEGEND, NOTES, AND SCHEDULES

DRAWING NO.

P-000-2

P - PLUMBING FIXTURE SCHEDULE										
Type/Mark	DESCRIPTION	MAUFACTURER	MODEL	ADA	WASTE SIZE	VENT SIZE	WATER SUPPLY		FAUCET / VALVE	ACCESSORIES / REMARKS
							C.W.	H.W.		
LAV-1	LAVATORY	KOHLER	K-2084	Y	2"	1 1/2"	1/2"	1/2"	KOHLER K-97282-4	
K-1	KITCHEN SINK	MOEN	G20214	Y	2"	1 1/2"	1/2"	1/2"	MOEN M-DURA 8227	1,2,3,4
WC-1	FLUSH TANK WATER CLOSET	KOHLER	K-3346	Y	4"	2"	1/2"	0"		

ACCESSORIES / REMARKS

1. STRAINER: MCGUIRE 1151-WC CAST BRASS CHROME PLATED OFFSET BASKET STRAINER WITH POLISHED CHROME CAST BRASS ELBOW, 17 GAUGE 1-1/2 INCH SEAMLESS BRASS OFFSET TAILPIECE, HEAVY RUBBER BASIN WASHER AND FIBER FRICTION WASHER. OFFSET BASKET STRAINER SHALL BE IN COMPLIANCE WITH CSA OR OTHER RECOGNIZED TESTING AUTHORITY AND BEAR BOTH MANUFACTURER AND TESTING MARK.
2. TRAP: MCGUIRE 8912C CAST BRASS CHROME PLATED 1-1/2" X 1-1/2" P-TRAP WITH CLEANOUT WITH 17 GAUGE TUBULAR WALL BEND, CAST BRASS SLIP NUTS. TRAP SHALL BE IN COMPLIANCE WITH CSA AND BEAR BOTH MANUFACTURER AND TESTING MARK.
3. SUPPLIES AND STOPS: CHICAGO FAUCETS 1017-ABCP ANGLE STOP FITTING WITH SUPPLY TUBE AND LOOSE KEY. 2-1/4" TEE HANDLE, TAPERED SQUARE BROACH, COMPRESSION CARTRIDGE, 1/2 NPT FEMALE THREAD INLET, 3/8 NPT FEMALE COMPRESSION OUTLET.
4. REMARKS: SINK PROVIDED MUST BE 6" DEEP OPTION. INSTALLATION SHALL MEET THE AMERICAN WITH DISABILITIES ACT GUIDELINES AND ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES. CONSTRUCTION PROFESSIONAL SHALL VERIFY AND COORDINATE ROUGH-IN LOCATIONS.

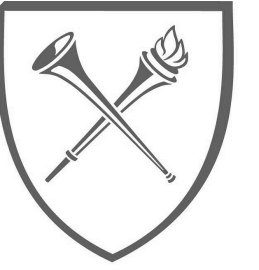
DRAWING NOTES	
	DEMOLITION NOTE
	NEW WORK NOTE
	CONNECT TO EXISTING
	CAP EXISTING
	LIMIT OF DEMOLITION
	DRAWING REVISION DESIGNATION
	REVISION CLOUD
	ELECTRICAL AREA - THE AREA INDICATED IS AN ELECTRICAL ZONE. DUCTWORK, PIPING, AND SYSTEMS SHALL NOT RUN THROUGH THIS ZONE. EXCEPTION PIPES, DUCTS, AND EQUIPMENT DEDICATED TO SERVE THE ZONE ARE ALLOWED. COORDINATE WITH ELECTRICAL CONTRACTOR AND COMPLY WITH ALL CODE CLEARANCE REQUIREMENTS.

PLUMBING EQUIPMENT COORDINATION	
•	PLUMBING CONTRACTOR SHALL REFER TO THE ARCHITECTURAL, FIRE PROTECTION, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR LOCATIONS AND QUANTITIES OF EQUIPMENT RELEASED TO EACH TRADE.

GENERAL NOTES	
1.	PIPE ROUTING IS SHOWN DIAGRAMMATICALLY ON PLUMBING DRAWINGS AND SHALL BE ADJUSTED FOR ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL CLEARANCES AND LIMITATIONS AND FOR EQUIPMENT SELECTION.
2.	FURNISH AND INSTALL ALL ELEMENTS REQUIRED TO COMPLETE INTENDED PIPING SYSTEMS WHETHER OR NOT THESE ELEMENTS ARE SPECIFICALLY SHOWN ON DRAWINGS OR CALLED FOR IN SPECIFICATIONS.
3.	CONSULT ALL DRAWINGS, NOTES, ARCHITECTURAL DETAILS AND ALL CONDITIONS THAT MAY AFFECT THE WORK AND CARE FOR SAME. WHILE EXECUTING THE WORK UNDER THIS SECTION, COOPERATE AND COORDINATE WITH THE ARCHITECT, ALL OTHER TRADES, BLDG. MANAGEMENT, AND THE OWNER.
4.	ALL WORK SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES AND REGULATIONS.
5.	IN EVENT OF CONFLICT BETWEEN OR AMONG SPECIFIED REQUIREMENTS AND PERTINENT CODES OR REGULATIONS, MORE STRINGENT REQUIREMENTS SHALL GOVERN.
6.	TAKE ALL MEASURES REQUIRED TO PROTECT OWNER'S PROPERTY AND EQUIPMENT DURING COURSE OF WORK. SHOULD DAMAGE TO OWNER'S PROPERTY OR EQUIPMENT OCCUR, REPAIR DAMAGE PROMPTLY AT NO COST TO OWNER.
7.	INSTALL ALL EQUIPMENT AND MATERIALS IN STRICT CONFORMANCE WITH EQUIPMENT AND MATERIALS MANUFACTURERS' WRITTEN RECOMMENDATIONS.
8.	LOCATIONS, PLUMBING MOUNTING HEIGHTS, AND DETAILS SHOWN ON ARCHITECTURAL DRAWINGS TAKE PRECEDENCE OVER SAME SHOWN ON PLUMBING DRAWINGS AND DESCRIBED IN SECTIONS OF THE SPECIFICATIONS. WHEN ARCHITECTURAL DRAWINGS DO NOT SHOW PRECISE LOCATIONS OF DEVICES OR EQUIPMENT, LOCATE AS DIRECTED BY THE ARCHITECT.
9.	LOCATE PIPES TO FALL WITHIN PARTITIONS, WALLS, OR ROOF CAVITIES AND TO PRECLUDE FURRING, OTHER THAN THAT SHOWN ON ARCHITECTURAL DRAWINGS.
10.	ALL PLUMBING EQUIPMENT, VALVES, ETC. SHALL BE INSTALLED WITH CLEARANCE FOR SERVICING AS RECOMMENDED BY THE MANUFACTURER.
11.	REFER TO SCHEDULES AND SPECIFICATIONS FOR PLUMBING FIXTURES AND EQUIPMENT REQUIRING LOW VOLTAGE. COORDINATE ALL LOW VOLTAGE REQUIREMENTS, INCLUDING ALARMS, WITH CONTROLS CONTRACTOR.
12.	REFER TO SCHEDULES AND SPECIFICATIONS FOR PLUMBING FIXTURES AND EQUIPMENT REQUIRING ELECTRICAL POWER. COORDINATE ALL POWER REQUIREMENTS WITH ELECTRICAL CONTRACTOR.

SELECTIVE DEMOLITION NOTES	
1.	CONTRACTOR SHALL VISIT SITE AND IDENTIFY EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT WORK OF THIS SECTION. NO COMPENSATION WILL BE GRANTED FOR ADDITIONAL WORK CAUSED BY UNFAMILIARITY WITH SITE CONDITIONS THAT ARE VISIBLE OR READILY CONSTRUED BY EXPERIENCED OBSERVERS.
2.	PRIOR TO COMMENCING WORK OF THIS SECTION, EXAMINE SITE AND CONDITIONS UNDER WHICH WORK WILL BE PERFORMED. DETERMINE EXACT LOCATIONS OF EXISTING EQUIPMENT, PIPING AND CONTROLS. REPORT TO OWNER ANY CONDITIONS THAT MIGHT ADVERSELY AFFECT WORK. COMMENCEMENT OF WORK SHALL BE CONSTRUED AS COMPLETE ACCEPTANCE OF EXISTING CONDITIONS AND PREPARATORY WORK.
3.	ABANDONING OF FIXTURES, CARRIERS, PIPING OR EQUIPMENT IN PLACE SHALL NOT BE ALLOWED. COMPLETE REMOVAL REQUIRED UNLESS NOTED OTHERWISE.
4.	PIPING TO BE REMOVED: REMOVE PORTION OF PIPING INDICATED TO BE REMOVED. PROVIDE FULL PORT BALL VALVE AND CAP REMAINING PIPING WITH SAME OR COMPATIBLE PIPING MATERIAL.
5.	FIXTURES TO BE REMOVED: REMOVE FIXTURES AND ALL ASSOCIATED ACCESSORIES INCLUDING BUT NOT LIMITED TOO, CARRIERS, SUPPORTS, PIPING, FLANGES, OTHER MOUNTING ACCESSORIES AND ETC.
6.	EQUIPMENT TO BE REMOVED: DISCONNECT AND REMOVE EQUIPMENT. ALL UNUSED SERVICES CONNECTED TO DEMOLISHED EQUIPMENT SHALL BE REMOVED BACK TO UNUSED PORTION AND SERVICES CAPPED.
7.	EQUIPMENT TO BE REMOVED AND SALVAGED: DISCONNECT AND CAP SERVICES, REMOVE EQUIPMENT AND DELIVER TO OWNER. ALL UNUSED PORTIONS SHALL BE DEMOLISHED AS INDICATED WITHIN THESE DOCUMENTS.
8.	COMPLY WITH ALL STATE AND LOCAL CODES AS TO REMOVAL AND DISPOSAL OF EQUIPMENT REMOVED FROM THE SITE.
9.	COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE BEGINNING SELECTIVE DEMOLITION.
10.	REMOVE PREVIOUSLY ABANDONED WORK IN THE WAY OF EXISTING CONSTRUCTION, OR AS NOTED.
11.	COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
12.	COMPLY WITH ANSI A10.6 (SAFETY REQUIREMENTS FOR DEMOLITION OPERATIONS) AND NFPA 241 (STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS)
13.	PERMITS: GIVE ALL REQUIRED NOTICES. FILE ALL REQUIRED PLANS AND SPECIFICATIONS RELATING TO THE WORK OF THIS SECTION WITH THE PROPER AUTHORITIES AND PAY FOR ANY REQUIRED PERMITS.
14.	ALL EQUIPMENT AND SYSTEMS TO BE REMOVED OR DEMOLISHED UNDER THIS SECTION AND NOT DESIRED BY OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR SHALL REMOVE ALL SUCH EQUIPMENT FROM THE SITE PROMPTLY AFTER DETACHMENT FROM BUILDING STRUCTURE.
15.	STORAGE OR SALE OF REMOVED ITEMS OR MATERIALS ON-SITE IS NOT PERMITTED.
16.	IT IS UNKNOWN WHETHER HAZARDOUS MATERIALS WILL BE ENCOUNTERED IN THE WORK. IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY ARCHITECT AND OWNER.
17.	EXISTING PIPING SHOWN ON DRAWINGS DOES NOT INDICATE FULL EXTENT OF PIPING DEMOLITION. FIELD VERIFICATIONS REQUIRED.
18.	HOT WATER RECIRCULATION SYSTEM SHALL BE BALANCE TESTED BEFORE DEMOLITION WORK BEGINS. CONTRACTOR IS RESPONSIBLE FOR SETTING A BASELINE TO ADHERE TO AFTER NEW CONSTRUCTION. FAILURE TO ESTABLISH A BASELINE WILL REQUIRE THE NEW SYSTEM TO BE BALANCED AND ACHIEVE A STANDARD ACCEPTABLE TO THE OWNER AND ENGINEER.
19.	FIXTURES EXISTING TO REMAIN: FIXTURES SHALL BE PROTECTED DURING DEMOLITION. FIXTURES DAMAGED DURING DEMOLITION SHALL BE REPAIRED TO LIKE NEW WORKING CONDITION OR REPLACED WITH SAME FIXTURE. WHERE SAME FIXTURE IS NO LONGER AVAILABLE AN APPROVED EQUAL BY OWNER AND ENGINEER SHALL BE USED. ALL WORK SHALL BE PERFORMED AT NO COST TO OWNER.

ABBREVIATIONS	
B.F.D.	BACK FLOW PREVENTER
CI	CAST IRON
CFH	CUBIC FEET PER HOUR
CONTR	CONTRACTOR
DN	DOWN
DWG	DRAWING
EA	EACH
E.T.R.	EXISTING TO REMAIN
EX.	EXISTING
F.B.O.C.	FURNISHED BY OTHER CONTRACTOR
FEET	FEET
GAL	GALLONS
GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
INV.	INVERT
IN	INCHES
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PC	PLUMBING CONTRACTOR
PSI	POUNDS PER SQUARE INCH
SF	SQUARE FEET
SS	STAINLESS STEEL
TYP	TYPICAL
WS	WASTE STACK
VB	VACUUM BREAKER
V.T.R.	VENT THROUGH ROOF



EMORY
PROJECT NO: CP200000158

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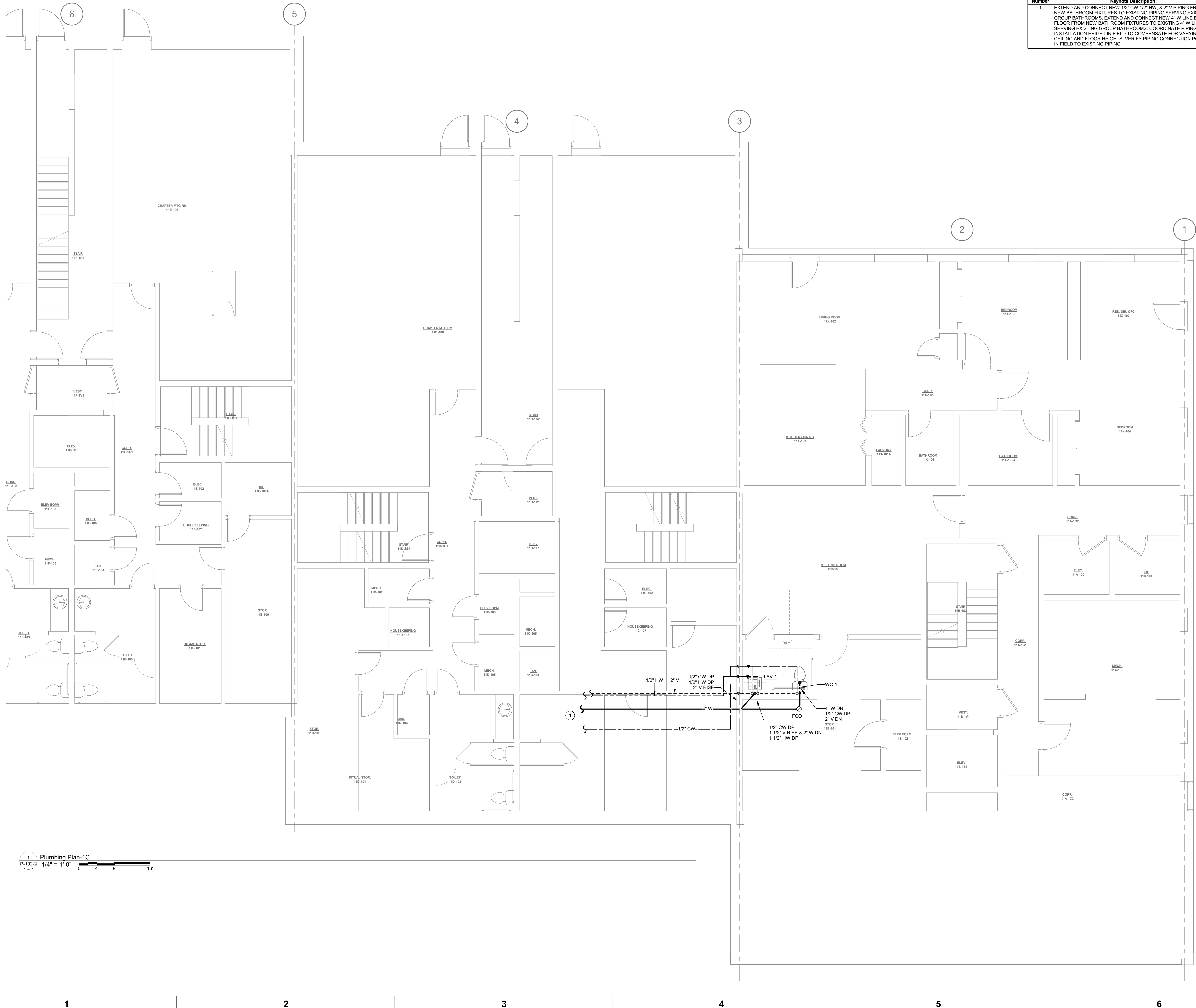
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DESIGNED BY
DRAWN BY
Author
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TITLE
PLUMBING LEVEL 1 PLAN

DRAWING NO.
P-102-2

KEYNOTES	
Keynote Number	Keynote Description
1	EXTEND AND CONNECT NEW 1/2" CW, 1/2" HW, & 2" V PIPING FROM NEW BATHROOM FIXTURES TO EXISTING PIPING SERVING EXISTING GROUP BATHROOMS. EXTEND AND CONNECT NEW 4" W LINE BELOW FLOOR FROM NEW BATHROOM FIXTURES TO EXISTING 4" W LINE SERVING EXISTING GROUP BATHROOMS. COORDINATE PIPING INSTALLATION HEIGHT IN FIELD TO COMPENSATE FOR VARYING CEILING AND FLOOR HEIGHTS. VERIFY PIPING CONNECTION POINTS IN FIELD TO EXISTING PIPING.



1 Plumbing Plan-1C
P-102-2 1/4" = 1'-0"

BMU 350/020920.00 - Emory Sorority Lodges
 Revisions/9/30/21 Emory Sorority Lodge Renos
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DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

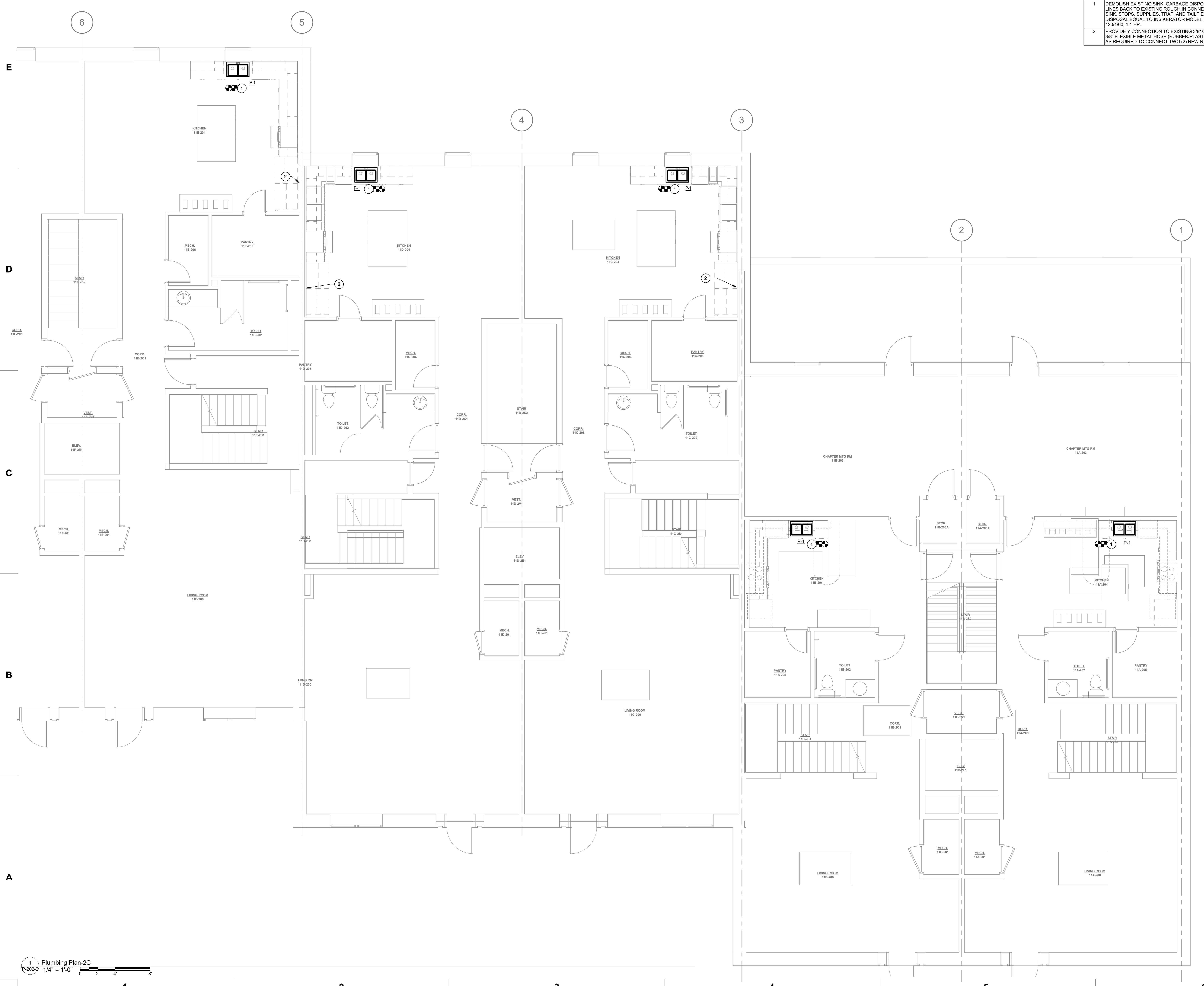
ARCHITECT OF RECORD

DESIGNED BY
DRAWN BY
AUTHOR
PROJECT NUMBER
19003.00
DATE
12/16/21
TITLE

PLUMBING LEVEL
2 PLAN

DRAWING NO.
P-202-2

KEYNOTES	
Keynote Number	Keynote Description
1	DEMOLISH EXISTING SINK, GARBAGE DISPOSAL, CW, HW, V & W LINES BACK TO EXISTING ROUGH IN CONNECTIONS. PROVIDE NEW SINK, STOPS, SUPPLIES, TRAP, AND TAILPIECE. PROVIDE NEW DISPOSAL EQUAL TO INSKERATOR MODEL EVOLUTION PRO 1100XL, 120/160, 1.1 HP.
2	PROVIDE Y CONNECTION TO EXISTING 3/8" CW LINE. PROVIDE NEW 3/8" FLEXIBLE METAL HOSE (RUBBER/PLASTIC IS NOT ACCEPTABLE) AS REQUIRED TO CONNECT TWO (2) NEW REFRIGERATORS.



1 Plumbing Plan-2C
1/4" = 1'-0"

B:\19003\19003.00 - Emory Sorority Housing
Revised: 12/16/21, Emory Sorority Lodge Plans
12/16/21 1:11:01 PM



EMORY
PROJECT NO: CP200000158

EMORY UNIVERSITY SORORITY LODGES A-E
11 EAGLE ROW,
ATLANTA GEORGIA 30322
EMORY UNIVERSITY

NOT FOR
CONSTRUCTION

DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

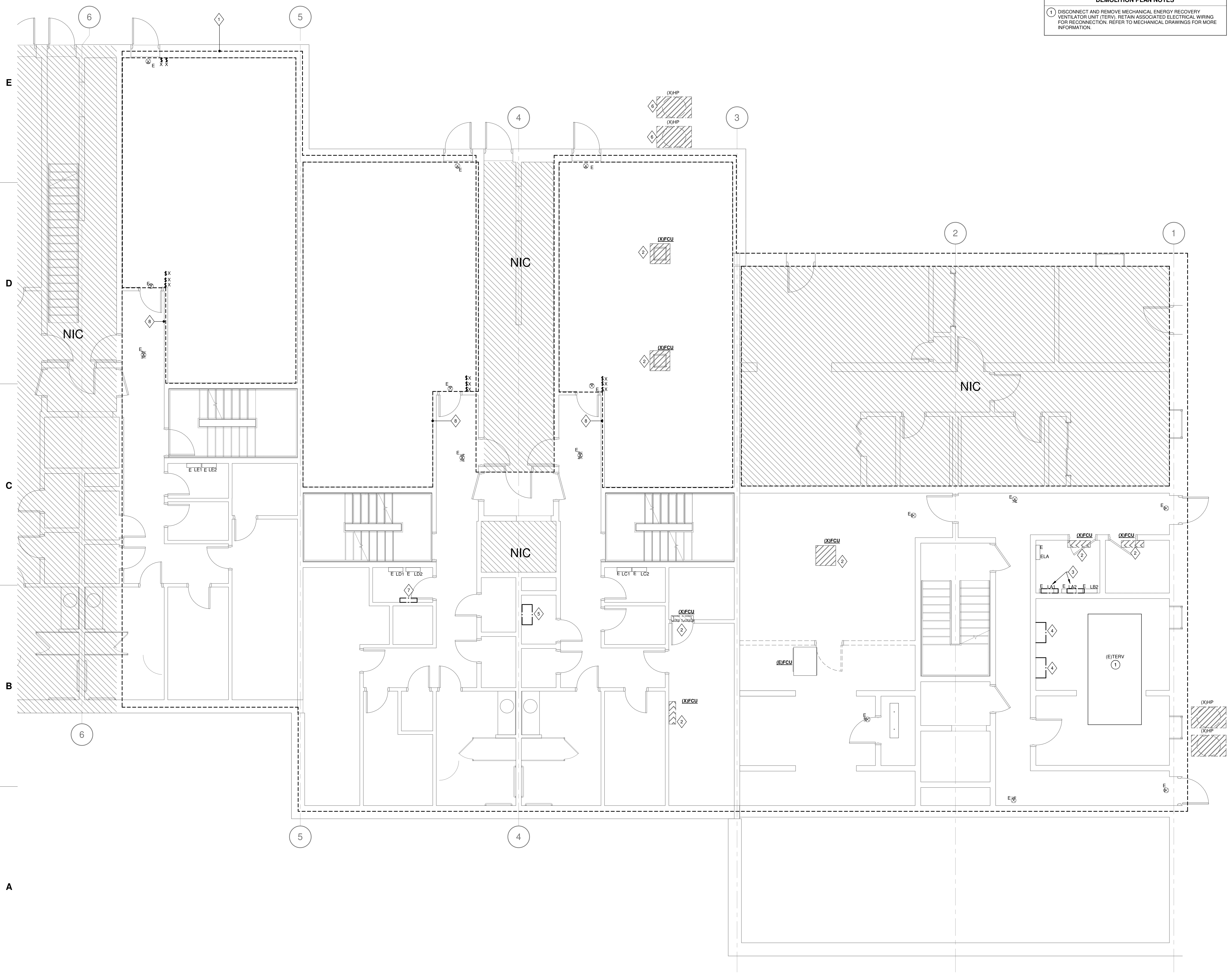
ARCHITECT OF RECORD

DESIGNED BY
SSR
DRAWN BY
SSR
PROJECT NUMBER
19003.00
DATE
12/16/21
TITLE

ELECTRICAL
LEVEL 1
DEMOLITION PLAN

DRAWING NO.
E-111-2

DEMOLITION PLAN NOTES
1 DISCONNECT AND REMOVE MECHANICAL ENERGY RECOVERY VENTILATOR UNIT (TERV). RETAIN ASSOCIATED ELECTRICAL WIRING FOR RECONNECTION. REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION.



1 ELECTRICAL - LEVEL 1 - DEMOLITION PLAN - PHASE 2
E-111-2 1/4" = 1'-0"

BIM 360://020702.00 - Emory Sorority Lodges
Revision: 19003.00 - Emory Sorority Lodge Plans
12/16/2021 8:33:27 AM



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DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

ARCHITECT OF RECORD

DESIGNED BY
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 DRAWN BY
 SSR
 PROJECT NUMBER
 19003.00
 DATE
 12/16/21

TITLE
**ELECTRICAL
 LEVEL 2
 DEMOLITION PLAN**

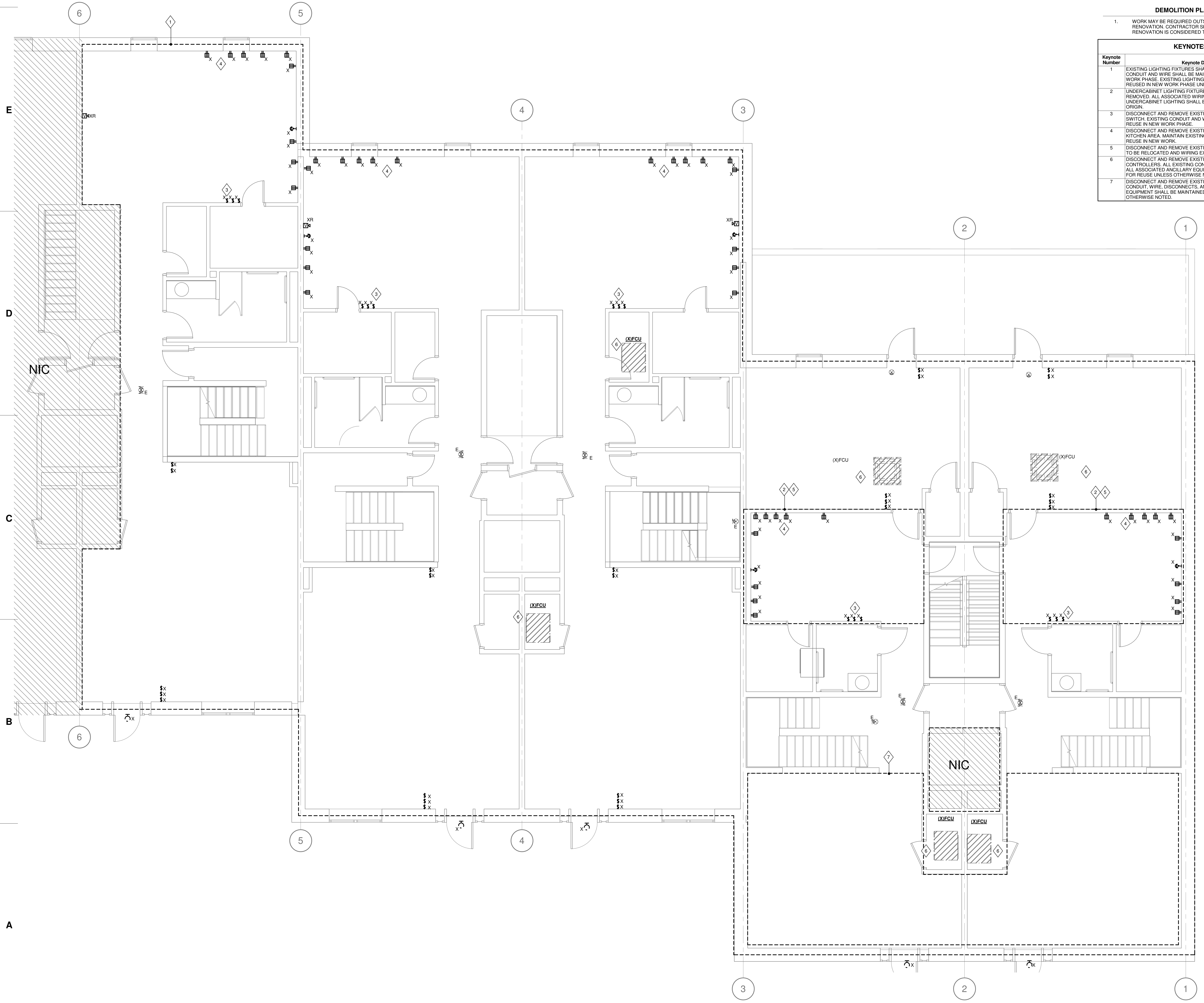
DRAWING NO.
E-112-2

DEMOLITION PLAN NOTES

1. WORK MAY BE REQUIRED OUTSIDE OF THE PROJECT'S AREA OF RENOVATION. CONTRACTOR SHALL NOT ASSUME THAT AREA OF RENOVATION IS CONSIDERED THE SCOPE OF WORK AREA.

KEYNOTES

Keynote Number	Keynote Description
1	EXISTING LIGHTING FIXTURES SHALL BE REMOVED. EXISTING CONDUIT AND WIRE SHALL BE MAINTAINED FOR REUSE IN NEW WORK PHASE. EXISTING LIGHTING CONTROLS TO REMAIN AND BE REUSED IN NEW WORK PHASE UNLESS OTHERWISE NOTED.
2	UNDERCABINET LIGHTING FIXTURES SHALL BE DISCONNECTED AND REMOVED. ALL ASSOCIATED WIRING, CONDUIT, AND CONTROLS FOR UNDERCABINET LIGHTING SHALL BE REMOVED BACK TO POINT OF ORIGIN.
3	DISCONNECT AND REMOVE EXISTING SINGLE POLE TOGGLE SWITCH. EXISTING CONDUIT AND WIRE SHALL BE MAINTAINED FOR REUSE IN NEW WORK PHASE.
4	DISCONNECT AND REMOVE EXISTING RECEPTACLES SERVING KITCHEN AREA. MAINTAIN EXISTING WIRING AND CONDUIT FOR REUSE IN NEW WORK.
5	DISCONNECT AND REMOVE EXISTING FIRE ALARM STROBE. DEVICE TO BE RELOCATED AND WIRING EXTENDED DURING NEW WORK.
6	DISCONNECT AND REMOVE EXISTING FAN COIL UNIT AND BRANCH CONTROLS. ALL EXISTING CONDUIT, WIRE, DISCONNECTS, AND ALL ASSOCIATED ANCILLARY EQUIPMENT SHALL BE MAINTAINED FOR REUSE UNLESS OTHERWISE NOTED.
7	DISCONNECT AND REMOVE EXISTING CEILING FANS. ALL EXISTING CONDUIT, WIRE, DISCONNECTS, AND ALL ASSOCIATED ANCILLARY EQUIPMENT SHALL BE MAINTAINED FOR REUSE UNLESS OTHERWISE NOTED.



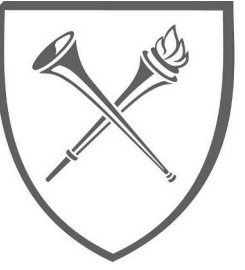
1 ELECTRICAL - LEVEL 2 - DEMOLITION PLAN - PHASE 2
 E-112-2 1/4" = 1'-0"
 0 4 8 16

BMU 350/02/07/02.00 - Emory Sorority Housing
 Revisions/9/20/21 - Emory Sorority Lodge Renos
 12/16/2021 8:33:33 AM

DEMOLITION PLAN NOTES

- WORK MAY BE REQUIRED OUTSIDE OF THE PROJECT'S AREA OF RENOVATION. CONTRACTOR SHALL NOT ASSUME THAT AREA OF RENOVATION IS CONSIDERED THE SCOPE OF WORK AREA.

KEYNOTES	
Keynote Number	Keynote Description
1	EXISTING LIGHTING FIXTURES SHALL BE REMOVED. EXISTING CONDUIT AND WIRE SHALL BE MAINTAINED FOR REUSE IN NEW WORK PHASE. EXISTING LIGHTING CONTROLS TO REMAIN AND BE REUSED IN NEW WORK PHASE UNLESS OTHERWISE NOTED.
2	DISCONNECT AND REMOVE EXISTING FAN COIL UNIT AND BRANCH CONTROLLERS. ALL EXISTING CONDUIT, WIRE, DISCONNECTS, AND ALL ASSOCIATED ANCILLARY EQUIPMENT SHALL BE MAINTAINED FOR REUSE UNLESS OTHERWISE NOTED.



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DOCUMENT HISTORY

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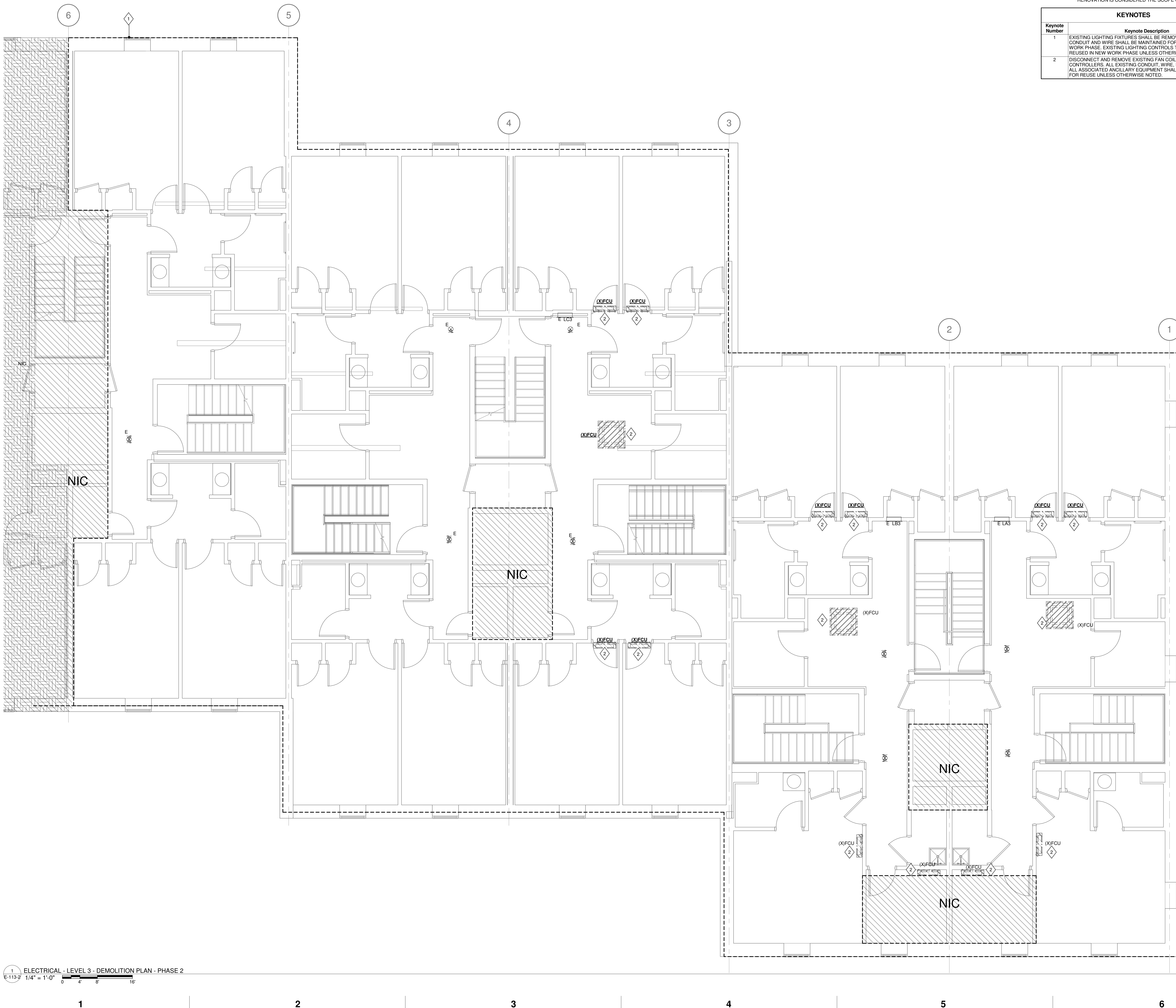
ARCHITECT OF RECORD

DESIGNED BY
SSR
DRAWN BY
SSR
PROJECT NUMBER
19003.00
DATE
12/16/21

TITLE
**ELECTRICAL
LEVEL 3
DEMOLITION PLAN**

DRAWING NO.

E-113-2



1 ELECTRICAL - LEVEL 3 - DEMOLITION PLAN - PHASE 2
E-113-2 1/4" = 1'-0"
0 4 8 16'

BIM 360://20210201 - Emory Sorority Lodges
 Revisions/19003_00 - Emory Sorority Lodges
 12/16/2021 8:33:38 AM



EMORY
 PROJECT NO: CP200000158

EMORY UNIVERSITY SORORITY LODGES A-E
 11 EAGLE ROW,
 ATLANTA GEORGIA 30322
EMORY UNIVERSITY

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DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

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 PROJECT NUMBER
 19003.00
 DATE
 12/16/21

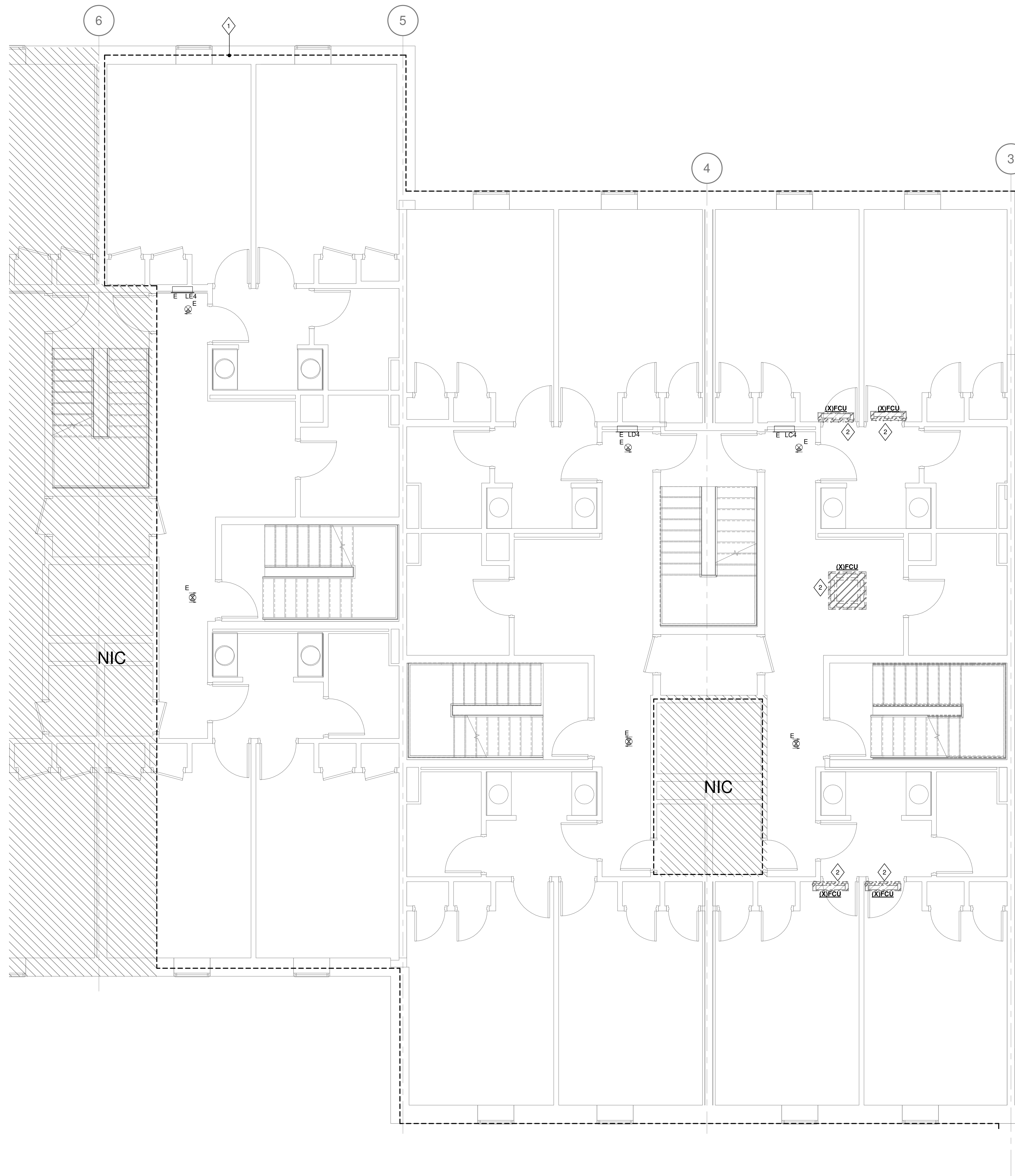
TITLE
**ELECTRICAL
 LEVEL 4
 DEMOLITION PLAN**

DRAWING NO.
E-114-2

DEMOLITION PLAN NOTES

- WORK MAY BE REQUIRED OUTSIDE OF THE PROJECT'S AREA OF RENOVATION. CONTRACTOR SHALL NOT ASSUME THAT AREA OF RENOVATION IS CONSIDERED THE SCOPE OF WORK AREA.

KEYNOTES	
Keynote Number	Keynote Description
1	EXISTING LIGHTING FIXTURES SHALL BE REMOVED. EXISTING CONDUIT AND WIRE SHALL BE MAINTAINED FOR REUSE IN NEW WORK PHASE. EXISTING LIGHTING CONTROLS TO REMAIN AND BE REUSED IN NEW WORK PHASE UNLESS OTHERWISE NOTED.
2	DISCONNECT AND REMOVE EXISTING FAN COIL UNITS AND BRANCH CONTROLLERS. ALL EXISTING CONDUIT, WIRE, DISCONNECTS, AND ALL ASSOCIATED ANCILLARY EQUIPMENT SHALL BE MAINTAINED FOR REUSE UNLESS OTHERWISE NOTED.



1 ELECTRICAL - FLOOR 4 - DEMOLITION PLAN - PHASE 2
 E-114-2 1/4" = 1'-0" 0 4' 8' 16'

BIM 360://020702.00 - Emory Sorority Housing
 Revisions/19003.00 - Emory Sorority Lodge Plans
 12/16/2021 8:33:44 AM

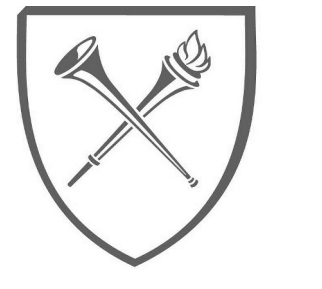
DEMOLITION PLAN NOTES

1. WORK MAY BE REQUIRED OUTSIDE OF THE PROJECT'S AREA OF RENOVATION. CONTRACTOR SHALL NOT ASSUME THAT AREA OF RENOVATION IS CONSIDERED THE SCOPE OF WORK AREA.

KEYNOTES	
Keynote Number	Keynote Description
1	EXISTING LIGHTING FIXTURES SHALL BE REMOVED. EXISTING CONDUIT AND WIRE SHALL BE MAINTAINED FOR REUSE IN NEW WORK PHASE. EXISTING LIGHTING CONTROLS TO REMAIN AND BE REUSED IN NEW WORK PHASE UNLESS OTHERWISE NOTED.
2	DISCONNECT AND REMOVE EXISTING FAN COIL UNITS, HEAT PUMPS, AND BRANCH CONTROLLERS. ALL EXISTING CONDUIT, WIRE, DISCONNECTS, AND ALL ASSOCIATED ANCILLARY EQUIPMENT SHALL BE MAINTAINED FOR REUSE UNLESS OTHERWISE NOTED.



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EMORY
 PROJECT NO: CP200000158

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EMORY UNIVERSITY

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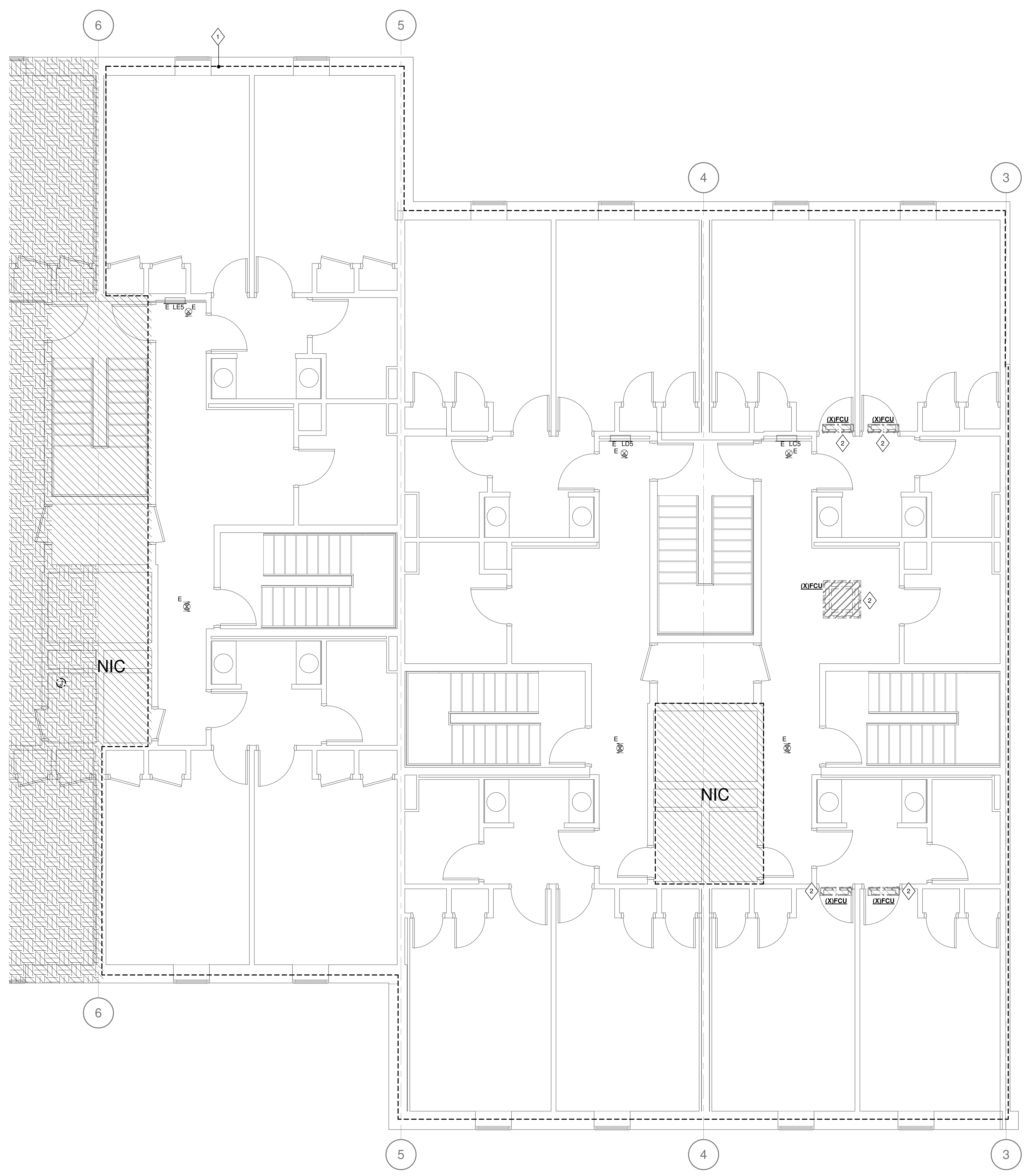
DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

ARCHITECT OF RECORD

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 SSR
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 SSR
 PROJECT NUMBER
 19003.00
 DATE
 12/16/21
 TITLE
**ELECTRICAL
 LEVEL 5
 DEMOLITION PLAN**

DRAWING NO.
E-115-2



1 ELECTRICAL - FLOOR 5 - DEMOLITION PLAN - PHASE 2
 E-115-2 1/4" = 1'-0" 0 4 8 16

BIM 360://020762.00 - Emory Sorority Housing
 Revisions/03/04/2021 - Emory Sorority Lodge Plans
 12/16/2021 8:33:48 AM



EMORY
PROJECT NO: CP200000158

EMORY UNIVERSITY SORORITY LODGES A-E
11 EAGLE ROW,
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EMORY UNIVERSITY

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NO.	DATE	DESCRIPTION

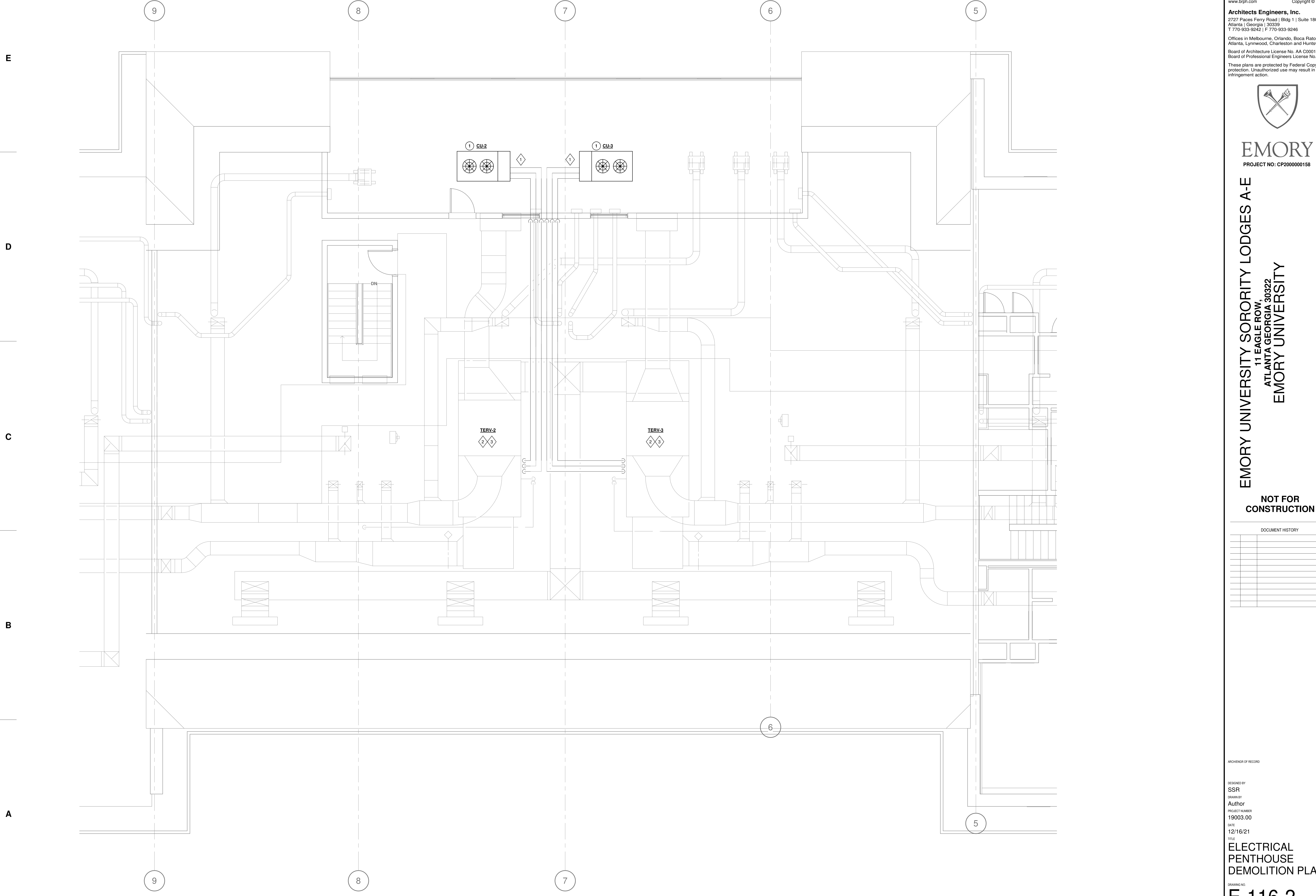
ARCHITECT OF RECORD

DESIGNED BY
SSR
DRAWN BY
Author
PROJECT NUMBER
19003.00
DATE
12/16/21

TITLE
ELECTRICAL
PENTHOUSE
DEMOLITION PLAN

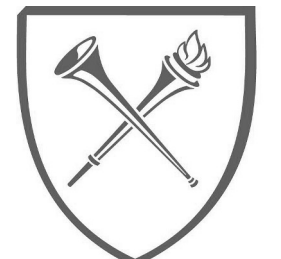
DRAWING NO.
E-116-2

DEMOLITION PLAN NOTES
1 DISCONNECT AND REMOVE MECHANICAL CONDENSING UNIT. RETAIN ASSOCIATED ELECTRICAL WIRING FOR RECONNECTION. REFER TO NEW WORK FOR MORE INFORMATION.



1 HVAC PENTHOUSE DEMOLITION PLAN
E-116-2 1/4" = 1'-0"

BIM 350/020922.00 - Emory Sorority Lodges
Revised 12/16/21
12/16/21 8:33 AM



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DOCUMENT HISTORY

Table with columns for revision number, description, and date. It contains several rows of empty space for revisions.

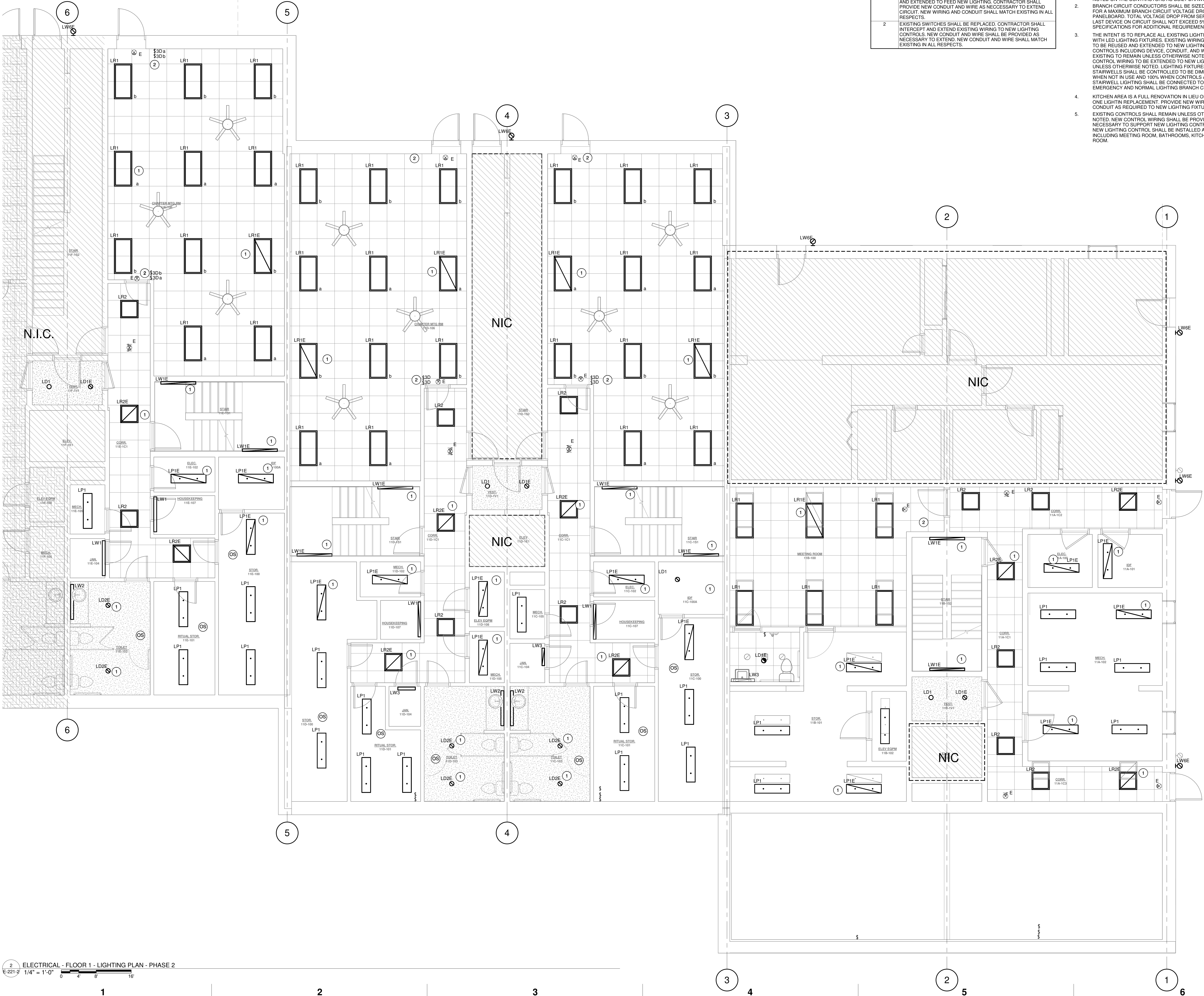
ARCHITECT OF RECORD

DESIGNED BY SSR DRAWN BY SSR PROJECT NUMBER 19003.00 DATE 12/16/21 TITLE ELECTRICAL LEVEL 1 LIGHTING PLAN

DRAWING NO. E-221-2

KEYNOTES table with 2 columns: Keynote Number and Keynote Description. Keynote 1: EXISTING LIFE SAFETY LIGHTING CIRCUIT SHALL BE INTERCEPTED AND EXTENDED TO FEED NEW LIGHTING... Keynote 2: EXISTING SWITCHES SHALL BE REPLACED...

- LIGHTING PLAN NOTES 1. CIRCUIT NUMBERS ARE FOR DESCRIPTIVE PURPOSES ONLY. EXACT NUMBERS SHALL BE DETERMINED IN FIELD... 2. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED AND INSTALLED FOR A MAXIMUM BRANCH CIRCUIT VOLTAGE DROP OF 3%... 3. THE INTENT IS TO REPLACE ALL EXISTING LIGHTING FIXTURES WITH LED LIGHTING FIXTURES... 4. KITCHEN AREA IS A FULL RENOVATION IN LIEU OF A ONE FOR ONE LIGHT IN REPLACEMENT... 5. EXISTING CONTROLS SHALL REMAIN UNLESS OTHERWISE NOTED...



2 ELECTRICAL - FLOOR 1 - LIGHTING PLAN - PHASE 2 1/4" = 1'-0" 0 4 8 16'

BMU 30/02/2021 00 - Emory Sorority Lodges
Revised: 12/16/21, Emory Sorority Lodge Renovation
12/16/2021 8:30 AM



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DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

ARCHITECT OF RECORD

DESIGNED BY
SSR
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SSR
PROJECT NUMBER
19003.00
DATE
12/16/21
TITLE

ELECTRICAL LEVEL 2 - LIGHTING PLAN

DRAWING NO.
E-222-2

KEYNOTES	
Keynote Number	Keynote Description
1	EXISTING LIFE SAFETY LIGHTING CIRCUIT SHALL BE INTERCEPTED AND EXTENDED TO FEED NEW LIGHTING. CONTRACTOR SHALL PROVIDE NEW CONDUIT AND WIRE AS NECESSARY TO EXTEND CIRCUIT. NEW WIRING AND CONDUIT SHALL MATCH EXISTING IN ALL RESPECTS.
2	EXISTING SWITCHES SHALL BE REPLACED. CONTRACTOR SHALL INTERCEPT AND EXTEND EXISTING WIRING TO NEW LIGHTING CONTROLS. NEW DIMMER SWITCHES SHALL MATCH EXISTING TOGGLE SWITCH STYLE. NEW CONDUIT AND WIRE SHALL BE PROVIDED AS NECESSARY TO EXTEND NEW CONDUIT. RELOCATE SWITCHES AS REQUIRED TO COORDINATE WITH FIRE EXTINGUISHER LOCATION ON THE KITCHEN SIDE OF THIS WALL.
3	EXISTING SWITCHES SHALL BE REPLACED. CONTRACTOR SHALL INTERCEPT AND EXTEND EXISTING WIRING TO NEW LIGHTING CONTROLS. NEW DIMMER SWITCHES SHALL MATCH EXISTING TOGGLE SWITCH STYLE. NEW CONDUIT AND WIRE SHALL BE PROVIDED AS NECESSARY TO EXTEND NEW CONDUIT. RELOCATE SWITCHES AS REQUIRED TO COORDINATE WITH FIRE EXTINGUISHER LOCATION ON THE KITCHEN SIDE OF THIS WALL.

- LIGHTING PLAN NOTES**
- CIRCUIT NUMBERS ARE FOR DESCRIPTIVE PURPOSES ONLY. EXACT NUMBERS SHALL BE DETERMINED IN FIELD AND SHALL BE NOTED ON THE CONTRACTORS AS-BUILT DRAWINGS.
 - BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED AND INSTALLED FOR A MAXIMUM BRANCH CIRCUIT VOLTAGE DROP OF 3% FROM PANELBOARD. TOTAL VOLTAGE DROP FROM SERVICE ENTRY TO LAST DEVICE ON CIRCUIT SHALL NOT EXCEED 5%. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND OPTIONS.
 - THE INTENT IS TO REPLACE ALL EXISTING LIGHTING FIXTURES WITH LED LIGHTING FIXTURES. EXISTING WIRING AND CONDUIT TO BE REUSED AND EXTENDED TO NEW LIGHTING. ALL CONTROLS INCLUDING DEVICE, CONDUIT, AND WIRING ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED. EXISTING CONTROL WIRING TO BE EXTENDED TO NEW LIGHTING FIXTURES UNLESS OTHERWISE NOTED. LIGHTING FIXTURES WITHIN STAIRWELLS SHALL BE CONTROLLED TO BE DIMMED TO 50% WHEN NOT IN USE AND 100% WHEN CONTROLS ARE ACTIVATED. STAIRWELL LIGHTING SHALL BE CONNECTED TO BOTH EMERGENCY AND NORMAL LIGHTING BRANCH CIRCUITS.
 - KITCHEN AREA IS A FULL RENOVATION IN LIEU OF A ONE FOR ONE LIGHTING REPLACEMENT. PROVIDE NEW WIRING AND CONDUIT AS REQUIRED TO NEW LIGHTING FIXTURES.
 - EXISTING CONTROLS SHALL REMAIN UNLESS OTHERWISE NOTED. NEW CONTROL WIRING SHALL BE PROVIDED AS NECESSARY TO SUPPORT NEW LIGHTING CONTROL DEVICES. NEW LIGHTING CONTROL SHALL BE INSTALLED AS INDICATED INCLUDING MEETING ROOM, BATHROOMS, KITCHEN, AND LIVING ROOM.



2 ELECTRICAL - LEVEL 2 - LIGHTING PLAN - PHASE 2
E-222-2 1/4" = 1'-0"
0 4 8 16'

B:\19003\19003.00\19003.00 - Emory Sorority Lodges
 Revisions\19003.00 - Emory Sorority Lodges
 12/16/2021 8:34:21 AM



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DOCUMENT HISTORY

ARCHITECT OF RECORD

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 SSR
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 19003.00
 DATE
 12/16/21
 TITLE

ELECTRICAL LEVEL 3 LIGHTING PLAN

DRAWING NO.
E-223-2

LIGHTING PLAN NOTES

1. CIRCUIT NUMBERS ARE FOR DESCRIPTIVE PURPOSES ONLY. EXACT NUMBERS SHALL BE DETERMINED IN FIELD AND SHALL BE NOTED ON THE CONTRACTORS AS-BUILT DRAWINGS.
2. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED AND INSTALLED FOR A MAXIMUM BRANCH CIRCUIT VOLTAGE DROP OF 3% FROM PANELBOARD. TOTAL VOLTAGE DROP FROM SERVICE ENTRY TO LAST DEVICE ON CIRCUIT SHALL NOT EXCEED 5%. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND OPTIONS.
3. THE INTENT IS TO REPLACE ALL EXISTING LIGHTING FIXTURES WITH LED LIGHTING FIXTURES. EXISTING WIRING AND CONDUIT TO BE REUSED AND EXTENDED TO NEW LIGHTING FIXTURE. ALL CONTROLS INCLUDING DEVICE, CONDUIT, AND WIRING ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED. EXISTING CONTROL WIRING TO BE EXTENDED TO NEW LIGHTING FIXTURES UNLESS OTHERWISE NOTED. LIGHTING FIXTURES WITHIN STAIRWELLS SHALL BE CONTROLLED TO BE DIMMED TO 50% WHEN NOT IN USE AND 100% WHEN CONTROLS ARE ACTIVATED. STAIRWELL LIGHTING SHALL BE CONNECTED TO BOTH EMERGENCY AND NORMAL LIGHTING BRANCH CIRCUITS.
4. EXISTING CONTROLS SHALL REMAIN UNLESS OTHERWISE NOTED. NEW CONTROL WIRING SHALL BE PROVIDED AS NECESSARY TO SUPPORT NEW LIGHTING CONTROL DEVICES. NEW LIGHTING CONTROL SHALL BE INSTALLED AS INDICATED INCLUDING MEETING ROOM, BATHROOMS, KITCHEN, AND LIVING ROOM.

KEYNOTES	
Keynote Number	Keynote Description
1	EXISTING LIFE SAFETY LIGHTING CIRCUIT SHALL BE INTERCEPTED AND EXTENDED TO FEED NEW LIGHTING. CONTRACTOR SHALL PROVIDE NEW CONDUIT AND WIRE AS NECESSARY TO EXTEND CIRCUIT. NEW WIRING AND CONDUIT SHALL MATCH EXISTING IN ALL RESPECTS.
2	EXISTING SWITCHES SHALL BE REPLACED. CONTRACTOR SHALL INTERCEPT AND EXTEND EXISTING WIRING TO NEW LIGHTING CONTROLS. NEW CONDUIT AND WIRE SHALL BE PROVIDED AS NECESSARY TO EXTEND. NEW CONDUIT AND WIRE SHALL MATCH EXISTING IN ALL RESPECTS.
3	INTERCEPT, EXTEND, AND REMOVE EXISTING LIGHTING JUNCTION BOXES LOCATED ABOVE CEILING.



LIGHTING PLAN NOTES

1. CIRCUIT NUMBERS ARE FOR DESCRIPTIVE PURPOSES ONLY. EXACT NUMBERS SHALL BE DETERMINED IN FIELD AND SHALL BE NOTED ON THE CONTRACTORS AS BUILT DRAWINGS.
2. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED AND INSTALLED FOR A MAXIMUM BRANCH CIRCUIT VOLTAGE DROP OF 3% FROM PANELBOARD. TOTAL VOLTAGE DROP FROM SERVICE ENTRY TO LAST DEVICE ON CIRCUIT SHALL NOT EXCEED 5%. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND OPTIONS.
3. THE INTENT IS TO REPLACE ALL EXISTING LIGHTING FIXTURES WITH LED LIGHTING FIXTURES. EXISTING WIRING AND CONDUIT TO BE REUSED AND EXTENDED TO NEW LIGHTING FIXTURE. ALL CONTROLS INCLUDING DEVICE, CONDUIT, AND WIRING ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED. EXISTING CONTROL WIRING TO BE EXTENDED TO NEW LIGHTING FIXTURES UNLESS OTHERWISE NOTED. LIGHTING FIXTURES WITHIN STAIRWELLS SHALL BE CONTROLLED TO BE DIMMED TO 50% WHEN NOT IN USE AND 100% WHEN CONTROLS ARE ACTIVATED. STAIRWELL LIGHTING SHALL BE CONNECTED TO BOTH EMERGENCY AND NORMAL LIGHTING BRANCH CIRCUITS.
4. EXISTING CONTROLS SHALL REMAIN UNLESS OTHERWISE NOTED. NEW CONTROL WIRING SHALL BE PROVIDED AS NECESSARY TO SUPPORT NEW LIGHTING CONTROL DEVICES. NEW LIGHTING CONTROL SHALL BE INSTALLED AS INDICATED INCLUDING MEETING ROOM, BATHROOMS, KITCHEN, AND LIVING ROOM.

KEYNOTES	
Keynote Number	Keynote Description
1	EXISTING LIFE SAFETY LIGHTING CIRCUIT SHALL BE INTERCEPTED AND EXTENDED TO FEED NEW LIGHTING. CONTRACTOR SHALL PROVIDE NEW CONDUIT AND WIRE AS NECESSARY TO EXTEND CIRCUIT. NEW WIRING AND CONDUIT SHALL MATCH EXISTING IN ALL RESPECTS.
2	EACH LIGHT SHALL BE CONTROLLED FROM A SEPARATE EXISTING LIGHTING SWITCH LOCATED WITHIN THE BEDROOMS.
3	INTERCEPT, EXTEND, AND REMOVE EXISTING LIGHTING JUNCTION BOXES LOCATED ABOVE CEILING.



NOT FOR CONSTRUCTION

DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

ARCHITECT OF RECORD

DESIGNED BY
 SSR
 DRAWN BY
 SSR
 PROJECT NUMBER
 19003.00
 DATE
 12/16/21

TITLE
**ELECTRICAL
 LEVEL 4 LIGHTING
 PLAN**

DRAWING NO.

E-224-2



1 ELECTRICAL - LEVEL 4 - LIGHTING PLAN - PHASE 2
 E-224-2 1/4" = 1'-0" 0 4 8 16'



**NOT FOR
CONSTRUCTION**

DOCUMENT HISTORY

NO.	DATE	DESCRIPTION

ARCHITECT OF RECORD

DESIGNED BY
SSR
DRAWN BY
SSR
PROJECT NUMBER
19003.00
DATE
12/16/21
TITLE

**ELECTRICAL
LEVEL 5 LIGHTING
PLAN**

DRAWING NO.

E-225-2

LIGHTING PLAN NOTES

- CIRCUIT NUMBERS ARE FOR DESCRIPTIVE PURPOSES ONLY. EXACT NUMBERS SHALL BE DETERMINED IN FIELD AND SHALL BE NOTED ON THE CONTRACTORS AS-BUILT DRAWINGS.
- BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED AND INSTALLED FOR A MAXIMUM BRANCH CIRCUIT VOLTAGE DROP OF 3% FROM PANELBOARD. TOTAL VOLTAGE DROP FROM SERVICE ENTRY TO LAST DEVICE ON CIRCUIT SHALL NOT EXCEED 5%. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND OPTIONS
- THE INTENT IS TO REPLACE ALL EXISTING LIGHTING FIXTURES WITH LED LIGHTING FIXTURES. EXISTING WIRING AND CONDUIT TO BE REUSED AND EXTENDED TO NEW LIGHTING FIXTURE. ALL CONTROLS INCLUDING SWITCHES, DIMMERS, AND WIRING ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED. EXISTING CONTROL WIRING TO BE EXTENDED TO NEW LIGHTING FIXTURES UNLESS OTHERWISE NOTED. LIGHTING FIXTURES WITHIN STAIRWELLS SHALL BE CONTROLLED TO BE DIMMED TO 50% WHEN NOT IN USE AND 100% WHEN CONTROLS ARE ACTIVATED. STAIRWELL LIGHTING SHALL BE CONNECTED TO BOTH EMERGENCY AND NORMAL LIGHTING BRANCH CIRCUITS.
- EXISTING CONTROLS SHALL REMAIN UNLESS OTHERWISE NOTED. NEW CONTROL WIRING SHALL BE PROVIDED AS NECESSARY TO SUPPORT NEW LIGHTING CONTROL DEVICES. NEW LIGHTING CONTROL SHALL BE INSTALLED AS INDICATED INCLUDING MEETING ROOM, BATHROOMS, KITCHEN, AND LIVING ROOM.

KEYNOTES

Keynote Number	Keynote Description
1	EXISTING LIFE SAFETY LIGHTING CIRCUIT SHALL BE INTERCEPTED AND EXTENDED TO FEED NEW LIGHTING. CONTRACTOR SHALL PROVIDE NEW CONDUIT AND WIRE AS NECESSARY TO EXTEND CIRCUIT. NEW WIRING AND CONDUIT SHALL MATCH EXISTING IN ALL RESPECTS.
2	EACH LIGHT SHALL BE CONTROLLED FROM A SEPARATE EXISTING LIGHTING SWITCH LOCATED WITHIN THE BEDROOMS.
3	INTERCEPT, EXTEND, AND REMOUNT EXISTING LIGHTING JUNCTION BOXES LOCATED ABOVE CEILING.



1 ELECTRICAL - LEVEL 5 - LIGHTING PLAN - PHASE 2

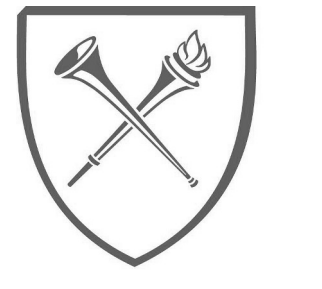
E-225-2 1/4" = 1'-0"

POWER PLAN NOTES

- CONTRACTOR SHALL COORDINATE MOUNTING HEIGHT OF ALL DEVICES WITH ARCHITECTS DRAWINGS PRIOR TO ROUGH IN.
- CIRCUIT NUMBERS ARE FOR DESCRIPTIVE PURPOSES ONLY. EXACT NUMBERS SHALL BE DETERMINED IN FIELD AND SHALL BE NOTED ON THE CONTRACTORS AS-BUILT DRAWINGS.
- BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED AND INSTALLED FOR A MAXIMUM BRANCH CIRCUIT VOLTAGE DROP OF 3% FROM PANELBOARD. TOTAL VOLTAGE DROP FROM SERVICE ENTRY TO LAST DEVICE ON CIRCUIT SHALL NOT EXCEED 5%. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND OPTIONS.
- COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT WITH HVAC, PLUMBING, AND FIRE PROTECTION DRAWINGS.
- THE INTENT IS TO INTERCEPT, EXTEND, AND CONNECT TO THE EXISTING WIRING AND CONDUIT SERVING THE EXISTING HVAC EQUIPMENT AND REUSE FOR NEW HVAC EQUIPMENT.

KEYNOTES

Keynote Number	Keynote Description
1	REPLACE EXISTING 60A-3P CIRCUIT BREAKER SERVING EXISTING HVAC EQUIPMENT WITH NEW 50A-3P CIRCUIT BREAKER. EXISTING EXPOSED AND BURIED CONDUIT AND WIRE TO BE PROTECTED AND MAINTAINED FOR REUSE. INTERCEPT, EXTEND, AND CONNECT TO EXISTING WIRING AND CONDUIT
2	INTERCEPT, EXTEND, AND CONNECT TO EXISTING WIRING SERVING PREVIOUSLY DEMOLISHED BRANCH CONTROLLER.
3	INTERCEPT, EXTEND, AND CONNECT TO EXISTING WIRING SERVING PREVIOUSLY DEMOLISHED BRANCH CONTROLLER.
4	INTERCEPT, EXTEND, AND CONNECT TO EXISTING WIRING SERVING PREVIOUSLY DEMOLISHED BRANCH CONTROLLER.
6	PROVIDE NEW CEILING FAN EQUAL TO HUNTER MODEL DEMPSEY LOW PROFILE 52 INCH AND NEW DUAL SLIDE SWITCH CONTROL.
7	RECONNECT NEW MECHANICAL EQUIPMENT TO SALVAGED CIRCUITRY.
8	RECONNECT NEW MECHANICAL TERV EQUIPMENT TO SALVAGED ELECTRICAL WIRING.



EMORY
 PROJECT NO: CP200000158

EMORY UNIVERSITY SORORITY LODGES A-E
 11 EAGLE ROW,
 ATLANTA GEORGIA 30322
EMORY UNIVERSITY

**NOT FOR
 CONSTRUCTION**

DOCUMENT HISTORY

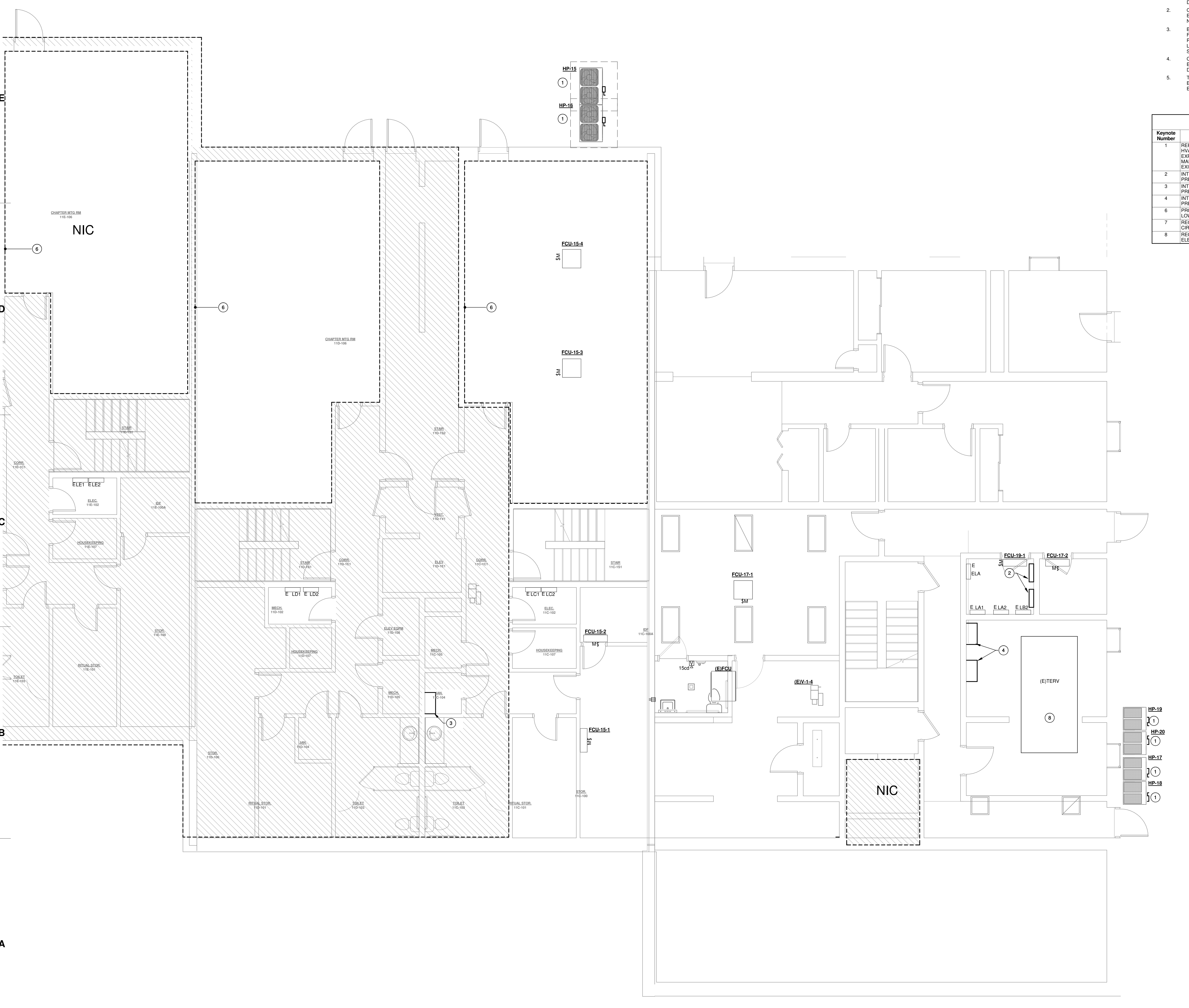
No.	Description	Date

ARCHITECT OF RECORD

DESIGNED BY
 SSR
 DRAWN BY
 SSR
 PROJECT NUMBER
 19003.00
 DATE
 12/16/21
 TITLE

**ELECTRICAL
 LEVEL 1 POWER
 PLAN**

DRAWING NO.
E-231-2



1 ELECTRICAL - FLOOR 1 - POWER PLAN - PHASE 2
 E-231-2 1/4" = 1'-0" 0' 4' 8' 16'

BMU 320/02/09/2021.00 - Emory Sorority Lodges
 Revisions: 19/04/21 - Emory Sorority Lodge Rains
 12/16/2021 8:35:04 AM



EMORY
PROJECT NO: CP200000158

EMORY UNIVERSITY SORORITY LODGES A-E
11 EAGLE ROW,
ATLANTA GEORGIA 30322
EMORY UNIVERSITY

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CONSTRUCTION

DOCUMENT HISTORY

ARCHITECT OF RECORD

DESIGNED BY
SSR
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SSR
PROJECT NUMBER
19003.00
DATE
12/16/21
TITLE

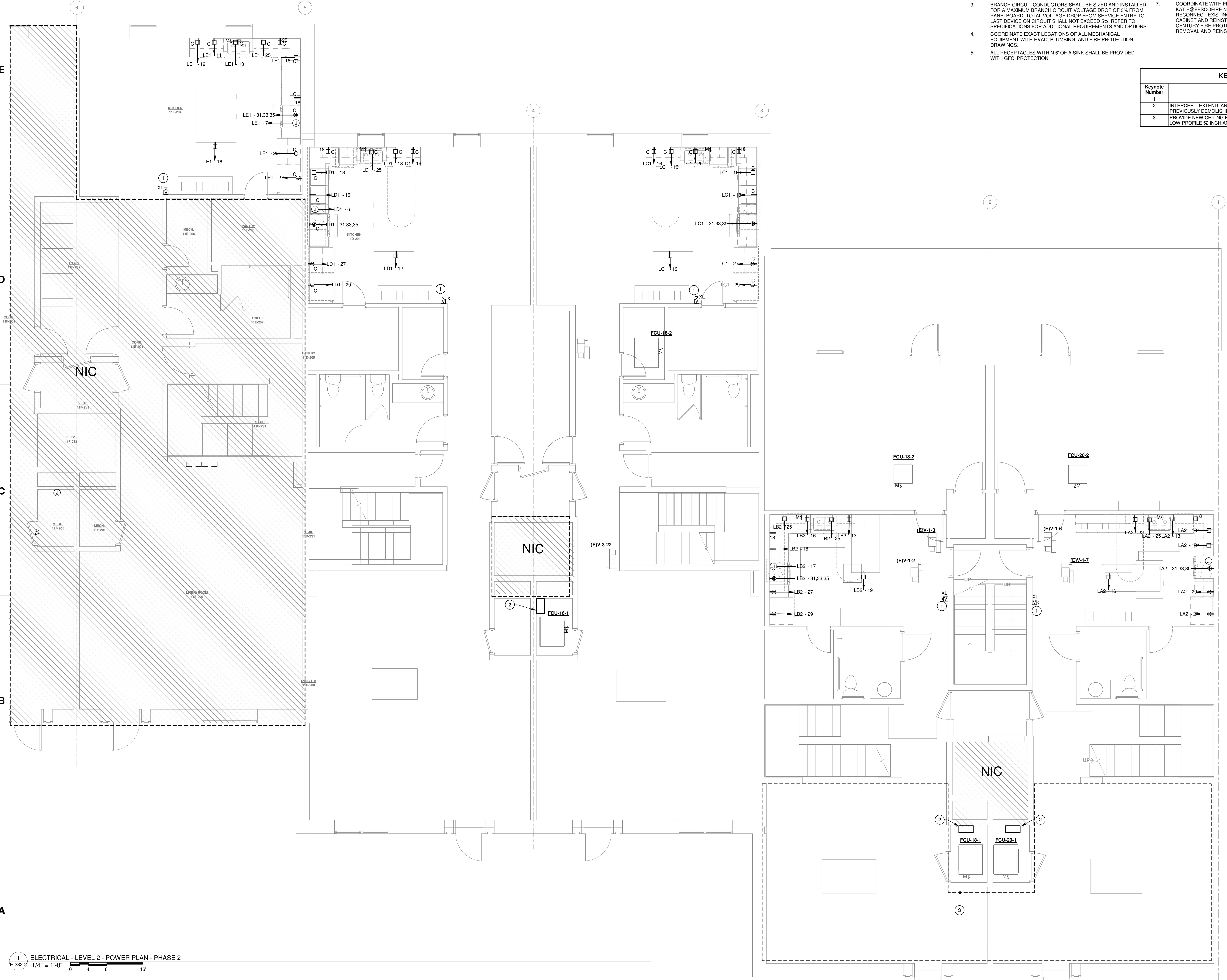
ELECTRICAL
LEVEL 2 POWER
PLAN

DRAWING NO.
E-232-2

POWER PLAN NOTES

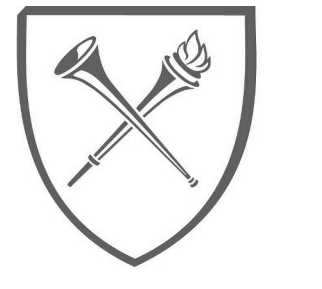
- 1. CONTRACTOR SHALL COORDINATE MOUNTING HEIGHT OF ALL DEVICES WITH ARCHITECT'S DRAWINGS PRIOR TO ROUGH IN.
2. CIRCUIT NUMBERS ARE FOR DESCRIPTIVE PURPOSES ONLY. EXACT NUMBERS SHALL BE DETERMINED IN FIELD AND SHALL BE NOTED ON THE CONTRACTORS AS-BUILT DRAWINGS.
3. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED AND INSTALLED FOR A MAXIMUM BRANCH CIRCUIT VOLTAGE DROP OF 3% FROM PANELBOARD. TOTAL VOLTAGE DROP FROM SERVICE ENTRY TO LAST DEVICE ON CIRCUIT SHALL NOT EXCEED 5%. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND OPTIONS.
4. COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT WITH HVAC, PLUMBING, AND FIRE PROTECTION DRAWINGS.
5. ALL RECEPTACLES WITHIN 6' OF A SINK SHALL BE PROVIDED WITH GFCI PROTECTION.
6. THE INTENT IS TO INTERCEPT AND EXTEND THE EXISTING WIRING AND CONDUIT SERVING THE EXISTING HVAC EQUIPMENT AND REROUTE TO NEW HVAC EQUIPMENT. EXISTING WIRING AND CONDUIT LOCATED WITHIN THE KITCHEN SHALL BE INTERCEPTED AND EXTENDED TO NEW ELECTRICAL DEVICES.
7. COORDINATE WITH FESCO FIRE (KATIE KREUN KATIE@FESCOFIRE.NET 770 426-4960) TO DISCONNECT AND RECONNECT EXISTING KITCHEN HOOD SYSTEM FROM EXISTING CABINET AND REINSTALL IN NEW CABINET. COORDINATE WITH CENTURY FIRE PROTECTION TO DISABLE SYSTEM DURING REMOVAL AND REINSTALLATION.

KEYNOTES table with 2 columns: Keynote Number, Keynote Description. Includes entries for intercepting existing wiring and providing new ceiling fans.



1 ELECTRICAL - LEVEL 2 - POWER PLAN - PHASE 2
E-232-2 1/4" = 1'-0"

BMU 350/02/02/00 - Emory Sorority Housing
Revised: 12/16/21, Emory Sorority Lodge Renos
12/16/2021 8:35:11 AM



EMORY
PROJECT NO: CP200000158

EMORY UNIVERSITY SORORITY LODGES A-E
11 EAGLE ROW,
ATLANTA GEORGIA 30322
EMORY UNIVERSITY

NOT FOR
CONSTRUCTION

DOCUMENT HISTORY

NO.	DESCRIPTION	DATE

ARCHITECT OF RECORD

DESIGNED BY
SSR
DRAWN BY
SSR
PROJECT NUMBER
19003.00
DATE
12/16/21

TITLE
ELECTRICAL
LEVEL 3 POWER
PLAN

DRAWING NO.
E-233-2

POWER PLAN NOTES

1. CONTRACTOR SHALL COORDINATE MOUNTING HEIGHT OF ALL DEVICES WITH ARCHITECT'S DRAWINGS PRIOR TO ROUGH IN.
2. CIRCUIT NUMBERS ARE FOR DESCRIPTIVE PURPOSES ONLY. EXACT NUMBERS SHALL BE DETERMINED IN FIELD AND SHALL BE NOTED ON THE CONTRACTORS AS-BUILT DRAWINGS.
3. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED AND INSTALLED FOR A MAXIMUM BRANCH CIRCUIT VOLTAGE DROP OF 3% FROM PANELBOARD. TOTAL VOLTAGE DROP FROM SERVICE ENTRY TO LAST DEVICE ON CIRCUIT SHALL NOT EXCEED 5%. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND OPTIONS.
4. COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT WITH HVAC, PLUMBING, AND FIRE PROTECTION DRAWINGS.
5. THE INTENT IS TO INTERCEPT AND EXTEND THE EXISTING WIRING AND CONDUIT SERVING THE EXISTING HVAC EQUIPMENT AND REROUTE TO NEW HVAC EQUIPMENT. EXISTING WIRING AND CONDUIT SERVING BATHROOM RECEPTACLES SHALL BE REROUTED TO NEW DEVICES.

KEYNOTES

Keynote Number	Keynote Description
2	INTERCEPT, EXTEND, AND CONNECT TO EXISTING WIRING SERVING PREVIOUSLY DEMOLISHED BRANCH CONTROLLER.



1 ELECTRICAL - LEVEL 3 - POWER PLAN - PHASE 2
E-233-2 1/4" = 1'-0"

BMU 320/12/20/21.00 - Emory Sorority Lodges
Revised: 12/16/21 10:42 AM
12/16/2021 8:35:19 AM



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DOCUMENT HISTORY

ARCHENGR OF RECORD

DESIGNED BY
SSR
DRAWN BY
SSR
PROJECT NUMBER
19003.00
DATE
12/16/21

TITLE
**ELECTRICAL
LEVEL 4 POWER
PLAN**

DRAWING NO.

E-234-2

POWER PLAN NOTES

- CONTRACTOR SHALL COORDINATE MOUNTING HEIGHT OF ALL DEVICES WITH ARCHITECTS DRAWINGS PRIOR TO ROUGH IN.
- CIRCUIT NUMBERS ARE FOR DESCRIPTIVE PURPOSES ONLY. EXACT NUMBERS SHALL BE DETERMINED IN FIELD AND SHALL BE NOTED ON THE CONTRACTORS AS-BUILT DRAWINGS.
- BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED AND INSTALLED FOR A MAXIMUM BRANCH CIRCUIT VOLTAGE DROP OF 3% FROM PANELEBOARD. TOTAL VOLTAGE DROP FROM SERVICE ENTRY TO LAST DEVICE ON CIRCUIT SHALL NOT EXCEED 5%. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND OPTIONS.
- COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT WITH HVAC, PLUMBING, AND FIRE PROTECTION DRAWINGS.
- THE INTENT IS TO INTERCEPT AND EXTEND THE EXISTING WIRING AND CONDUIT SERVING THE EXISTING HVAC EQUIPMENT AND REROUTE TO NEW HVAC EQUIPMENT. EXISTING WIRING AND CONDUIT SERVING BATHROOM RECEPTACLES SHALL BE REROUTED TO NEW DEVICES.

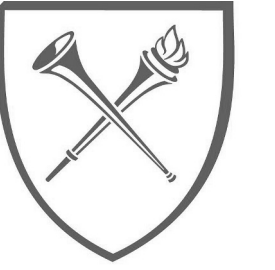
KEYNOTES

Keynote Number	Keynote Description
1	INTERCEPT, EXTEND, AND CONNECT TO EXISTING WIRING SERVING PREVIOUSLY DEMOLISHED BRANCH CONTROLLER.



1 ELECTRICAL - LEVEL 4 - POWER PLAN - PHASE 2
E-234-2 1/4" = 1'-0" 0 4 8 16'

BMU 350/0209/2001 - Emory Sorority Lodges
Revised: 12/16/21
12/16/2021 8:32:26 AM



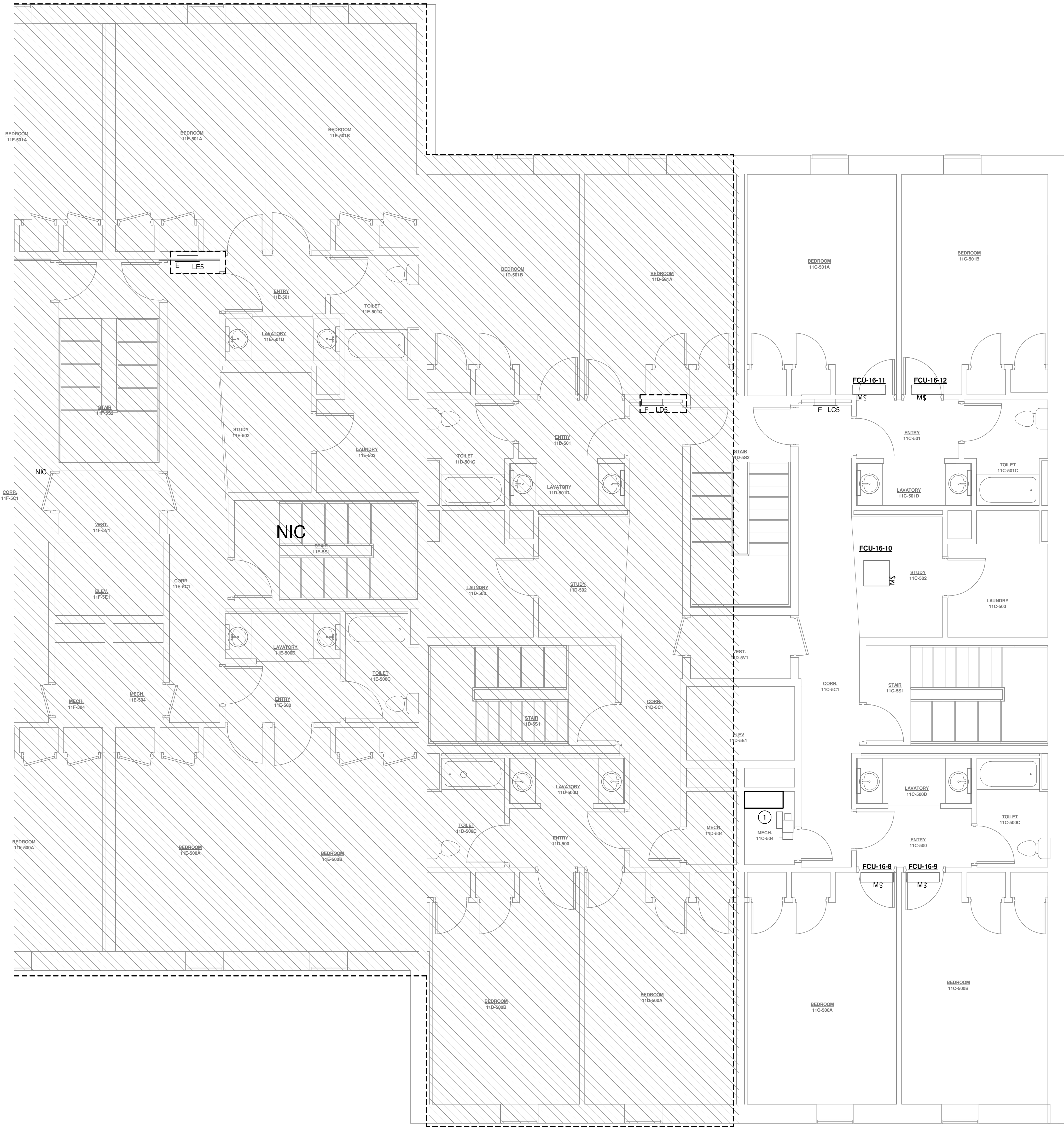
NO.	DATE	DESCRIPTION

POWER PLAN NOTES

- CONTRACTOR SHALL COORDINATE MOUNTING HEIGHT OF ALL DEVICES WITH ARCHITECTS DRAWINGS PRIOR TO ROUGH IN.
- CIRCUIT NUMBERS ARE FOR DESCRIPTIVE PURPOSES ONLY. EXACT NUMBERS SHALL BE DETERMINED IN FIELD AND SHALL BE NOTED ON THE CONTRACTORS AS-BUILT DRAWINGS.
- BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED AND INSTALLED FOR A MAXIMUM BRANCH CIRCUIT VOLTAGE DROP OF 3% FROM PANELBOARD. TOTAL VOLTAGE DROP FROM SERVICE ENTRY TO LAST DEVICE ON CIRCUIT SHALL NOT EXCEED 5%. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND OPTIONS.
- COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT WITH HVAC, PLUMBING, AND FIRE PROTECTION DRAWINGS.
- THE INTENT IS TO INTERCEPT AND EXTEND THE EXISTING WIRING AND CONDUIT SERVING THE EXISTING HVAC EQUIPMENT AND REROUTE TO NEW HVAC EQUIPMENT.

KEYNOTES

Keynote Number	Keynote Description
1	INTERCEPT, EXTEND, AND CONNECT TO EXISTING WIRING SERVING PREVIOUSLY DEMOLISHED BRANCH CONTROLLER.



1 ELECTRICAL - LEVEL 5 - POWER PLAN - PHASE 2
 E-235-2 1/4" = 1'-0" 0 2' 4' 8'

BNU-350-00000000 - Emory Sorority Lodges
 Revisions/03/04/2021 Emory Sorority Lodges Rens
 12/16/2021 8:33:32 AM



EMORY
PROJECT NO: CP200000158

EMORY UNIVERSITY SORORITY LODGES A-E
11 EAGLE ROW,
ATLANTA, GEORGIA 30322
EMORY UNIVERSITY

NOT FOR
CONSTRUCTION

DOCUMENT HISTORY

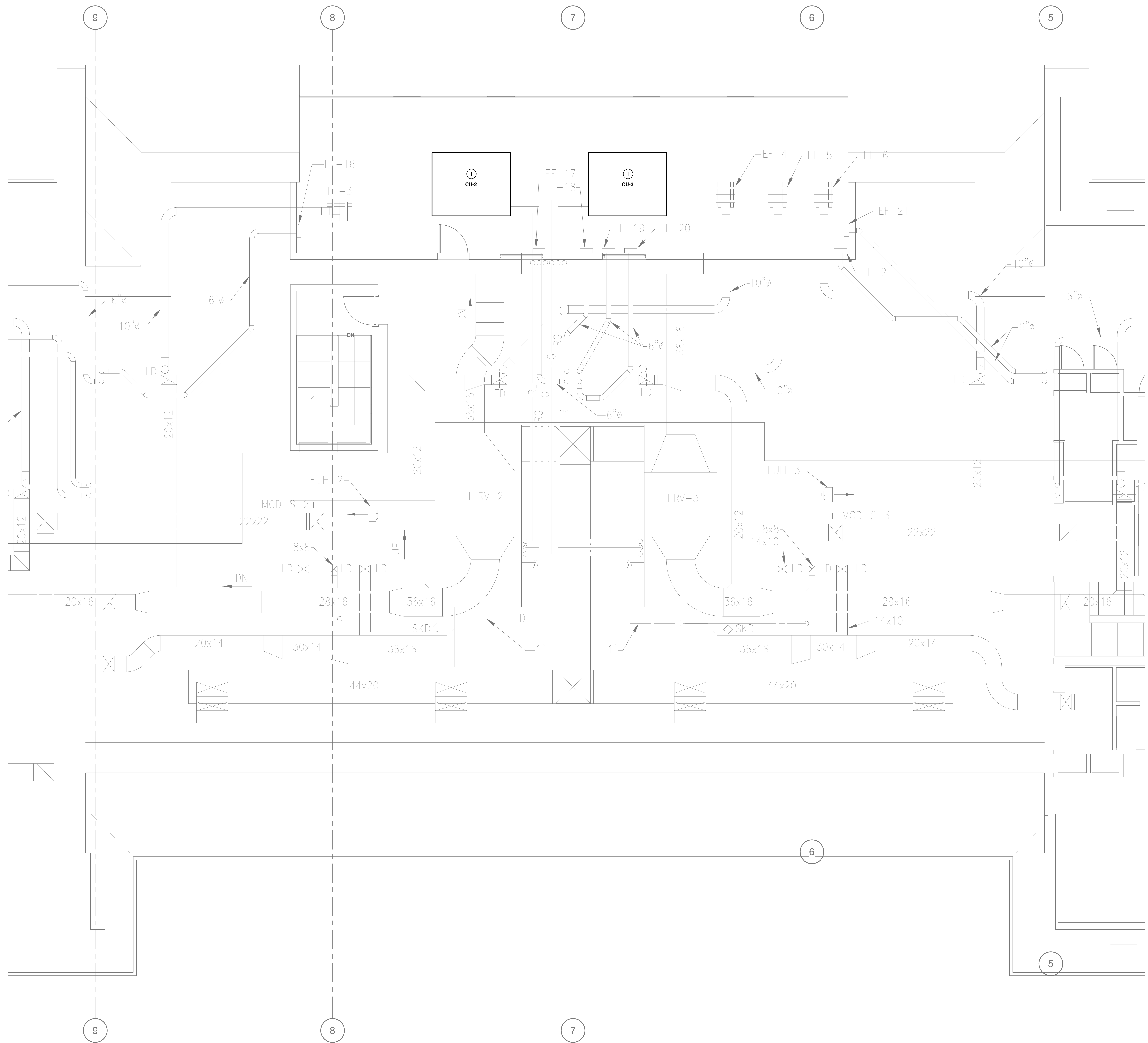
ARCHITECT OF RECORD

DESIGNED BY
SSR
DRAWN BY
SSR
PROJECT NUMBER
19003.00
DATE
12/16/21

TITLE
ELECTRICAL
PENTHOUSE PLAN

DRAWING NO.
E-236-2

KEY NOTE
1 RECONNECT NEW MECHANICAL CONDENSING UNIT TO SALVAGED CIRCUITRY.



1 HVAC PENTHOUSE PLAN
E-236-2 1/4" = 1'-0"
0 4 8 16'

BMU 350 (02/09/20) - Emory Sorority Housing
Revised: 12/16/21
12/16/2021 8:35:26 AM



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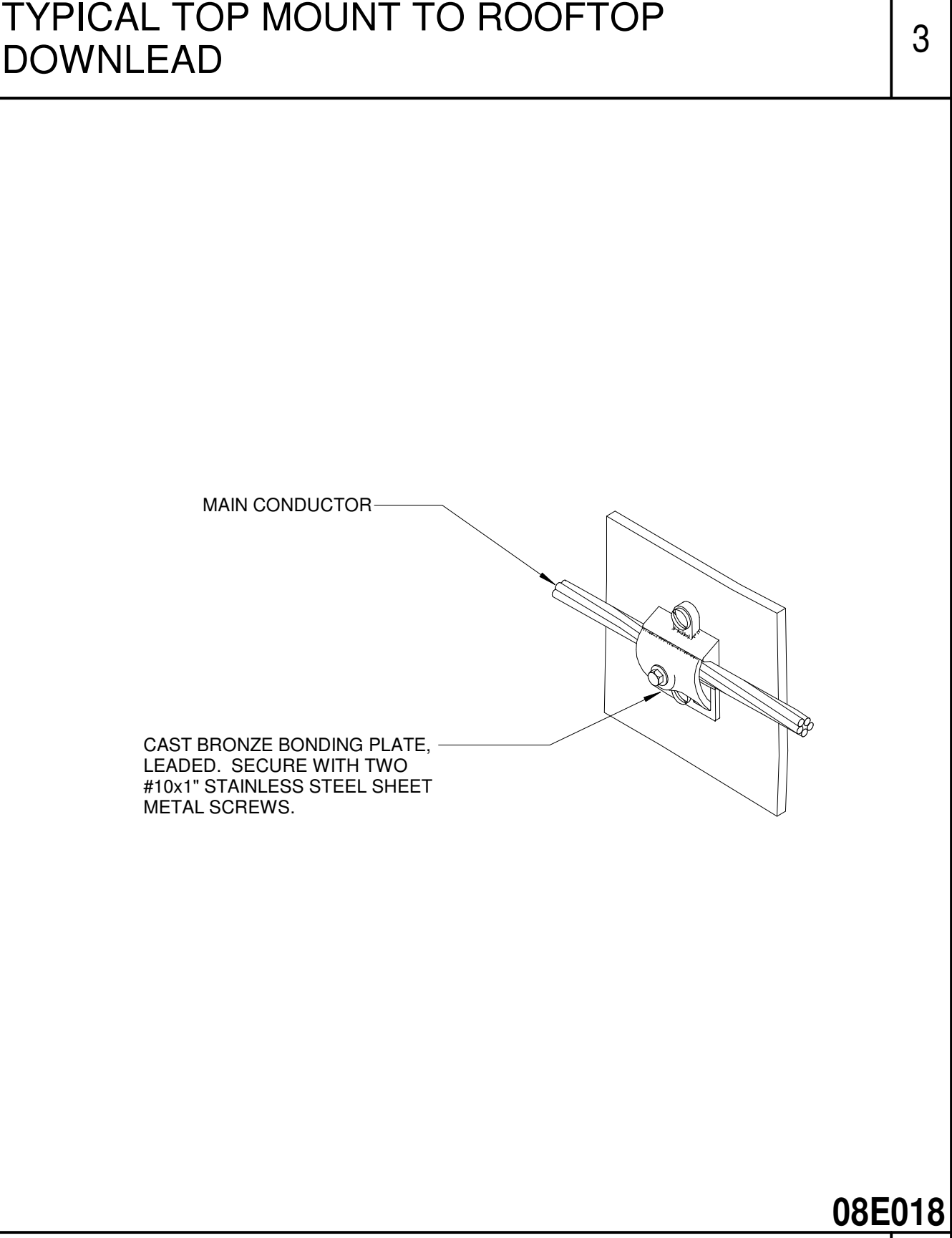
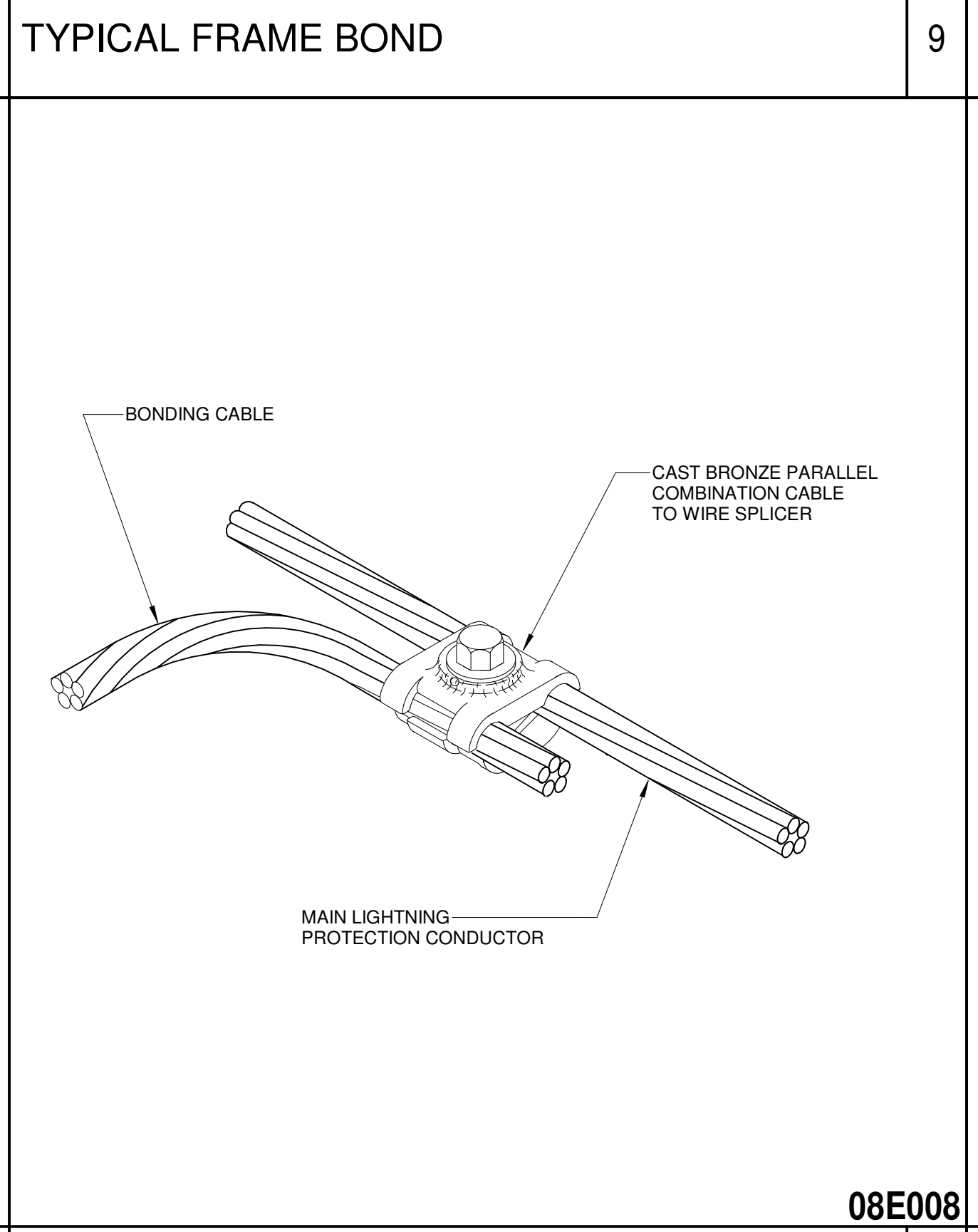
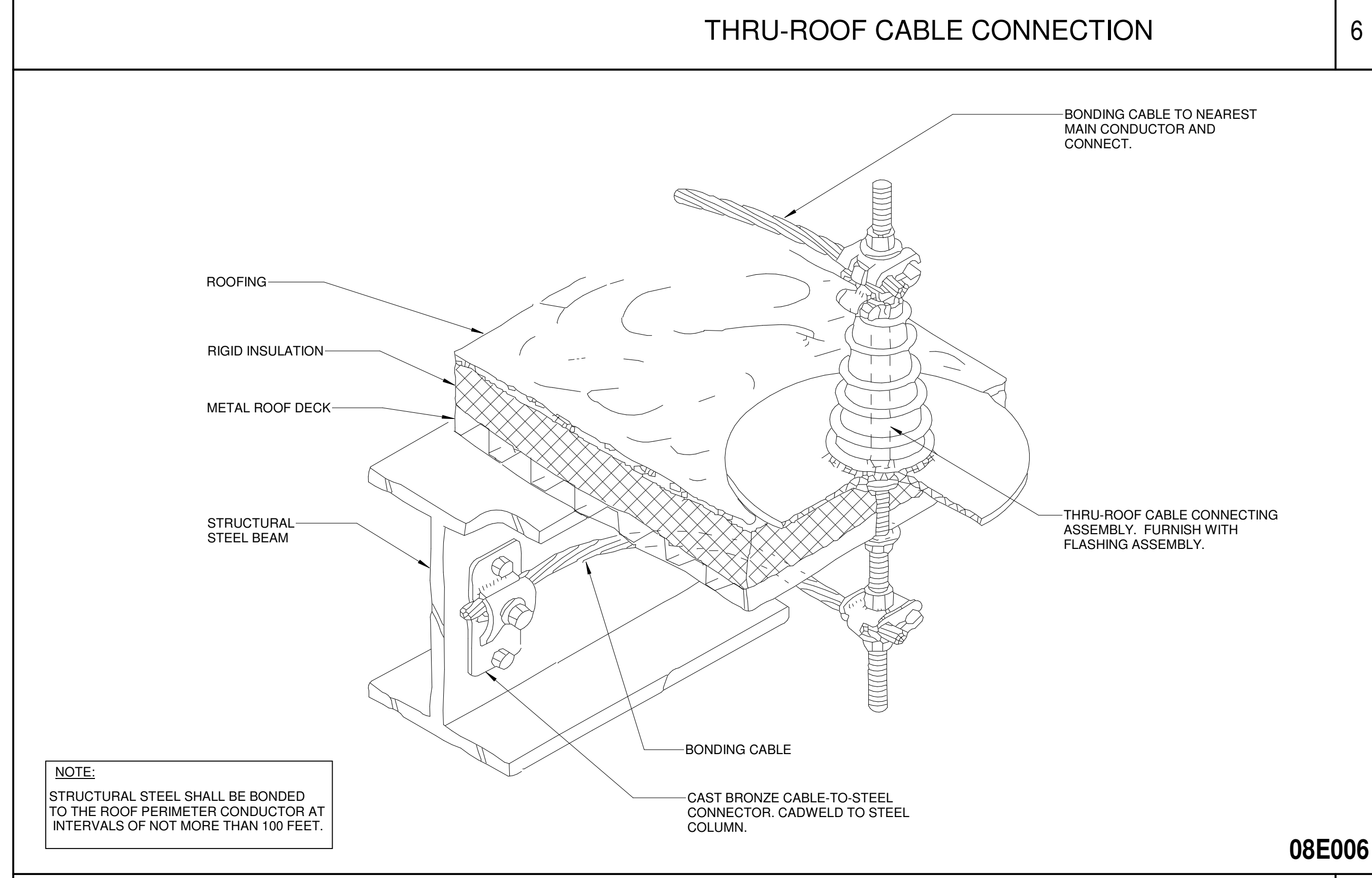
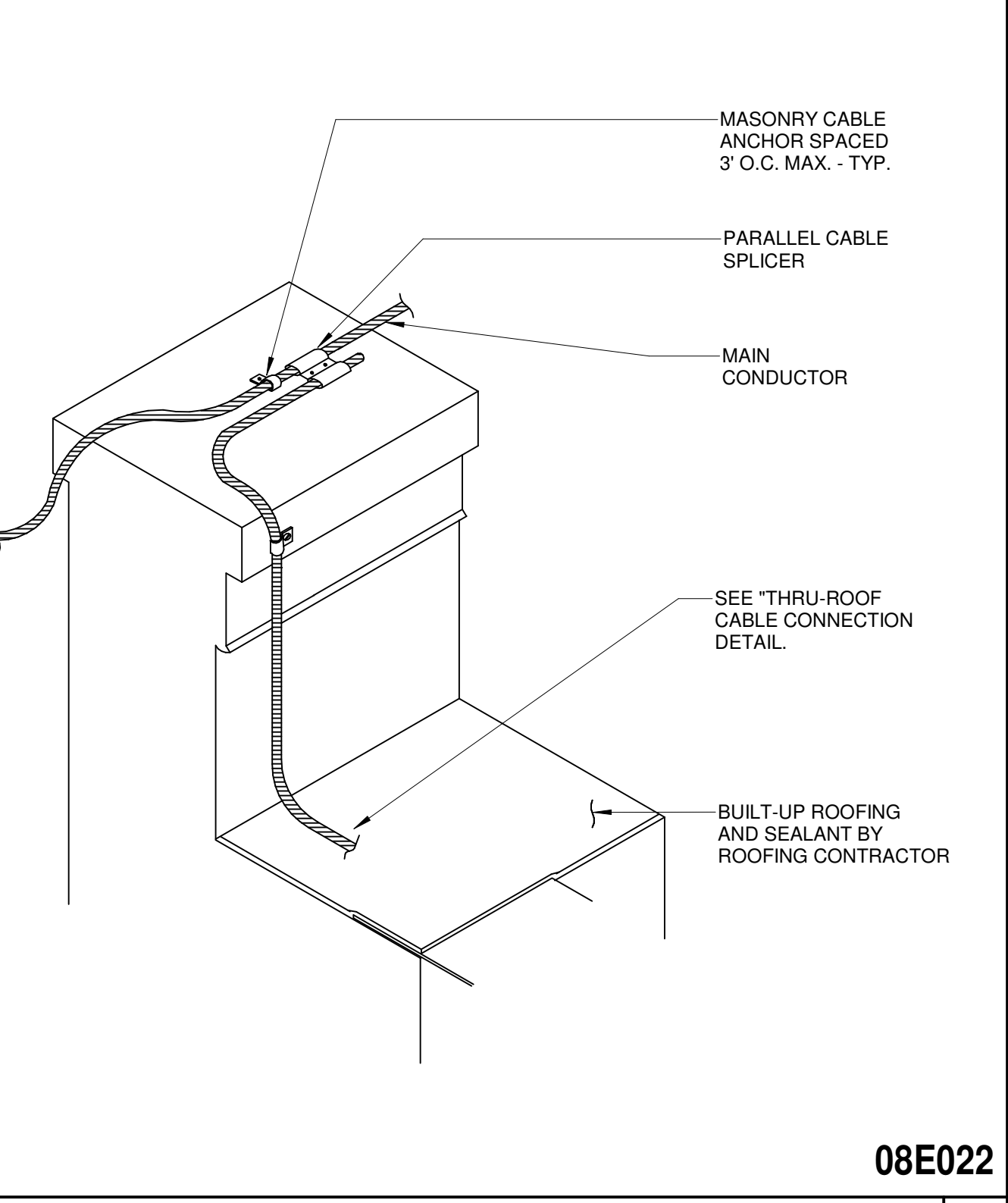
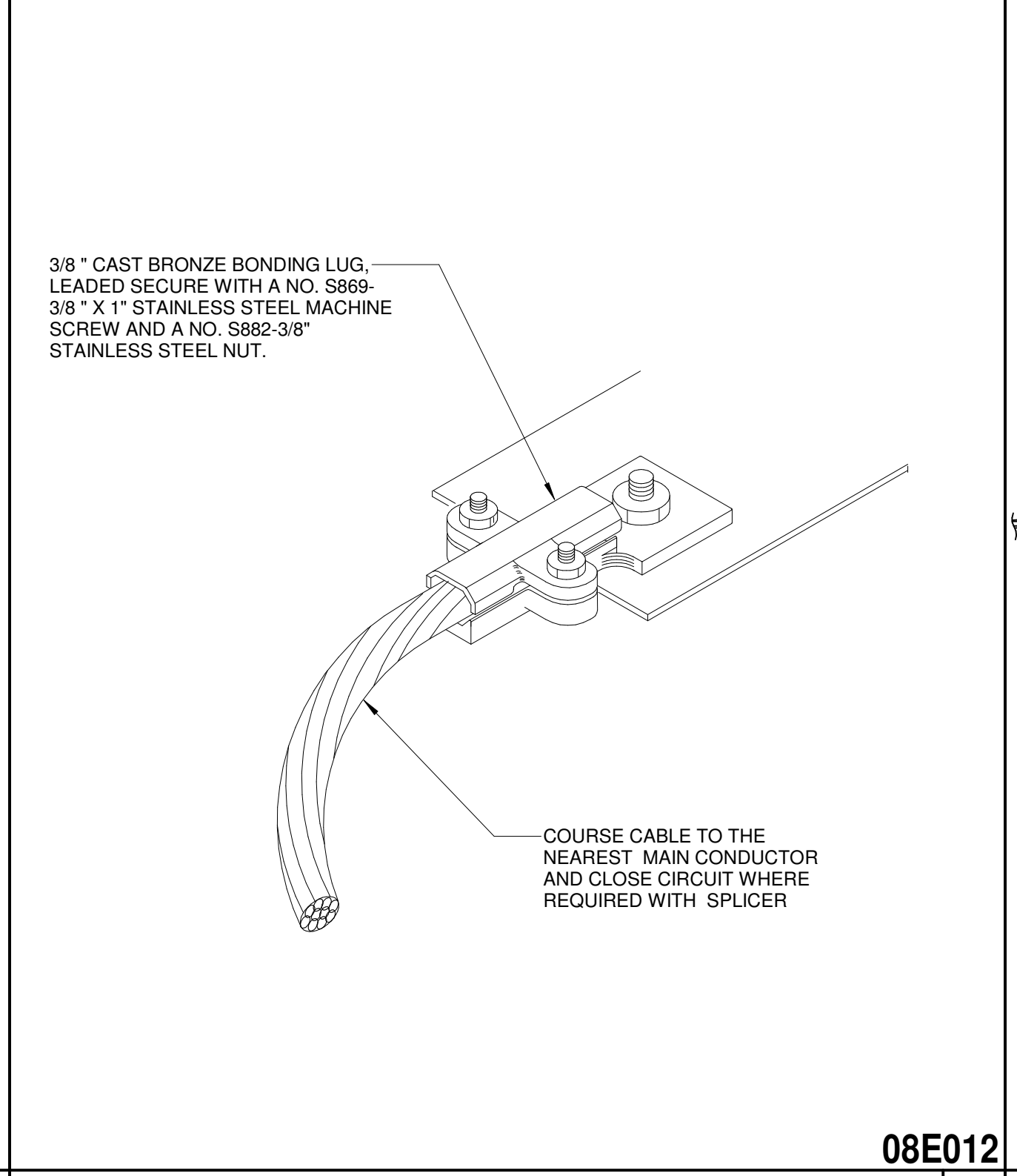
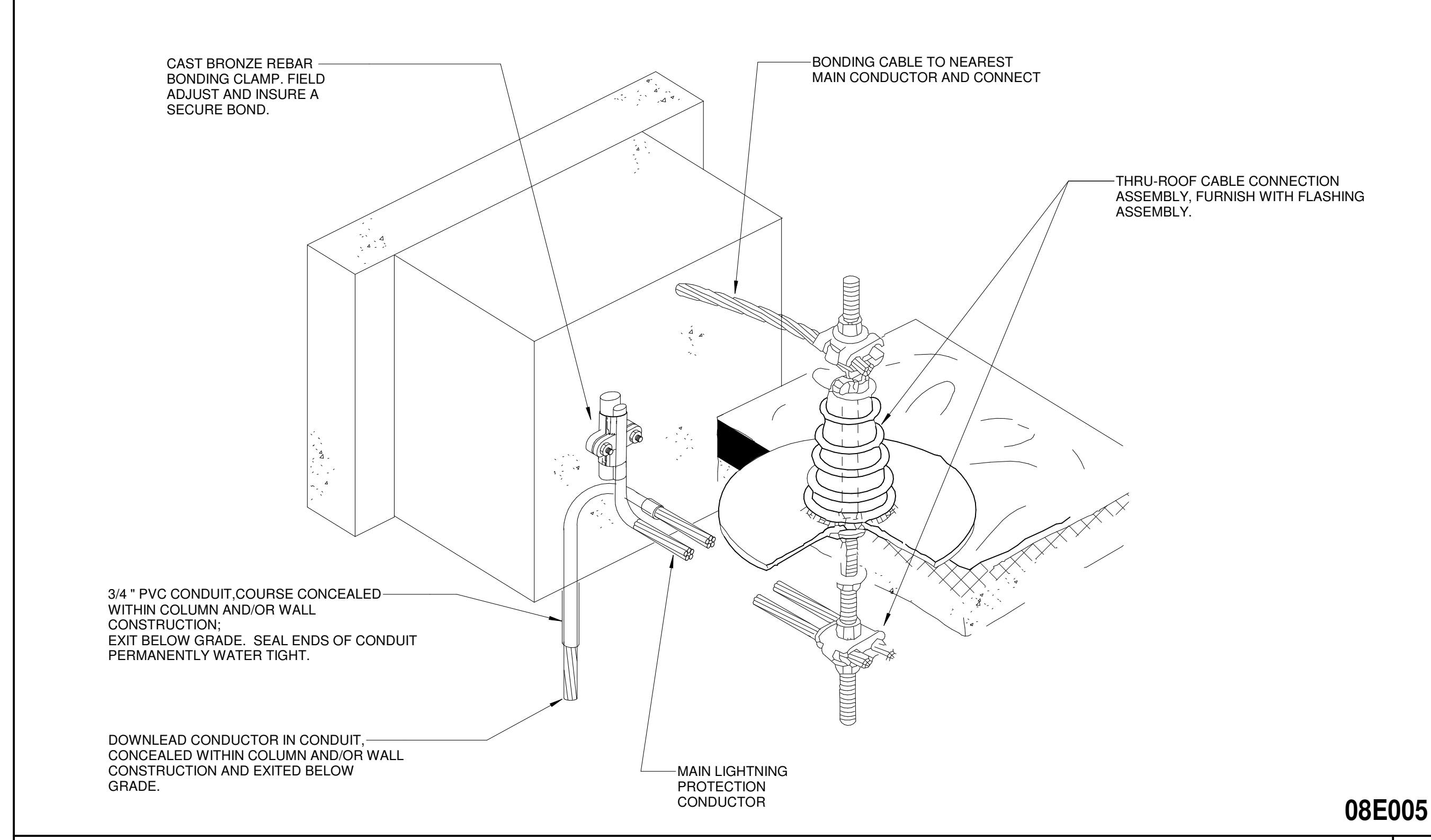
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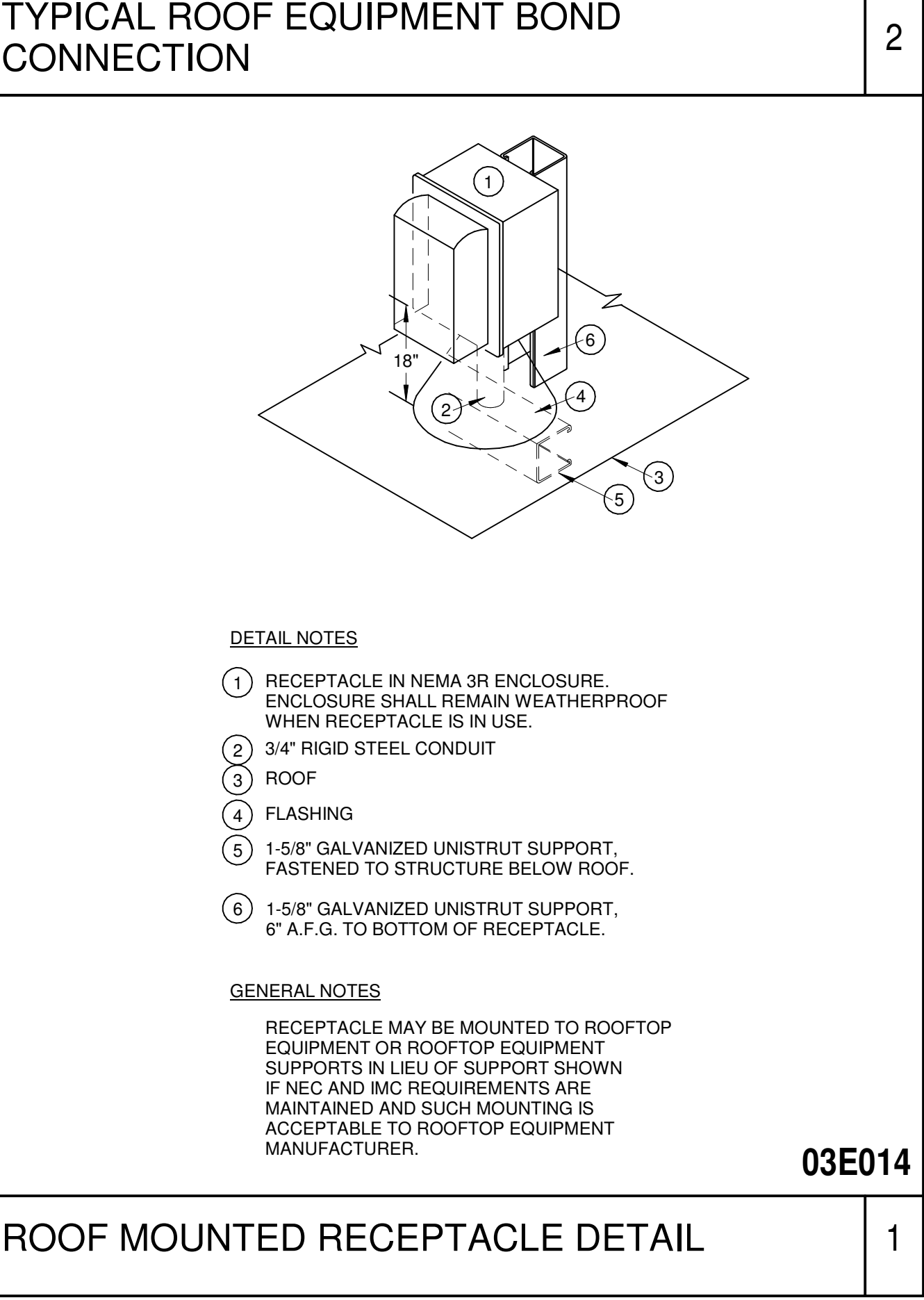
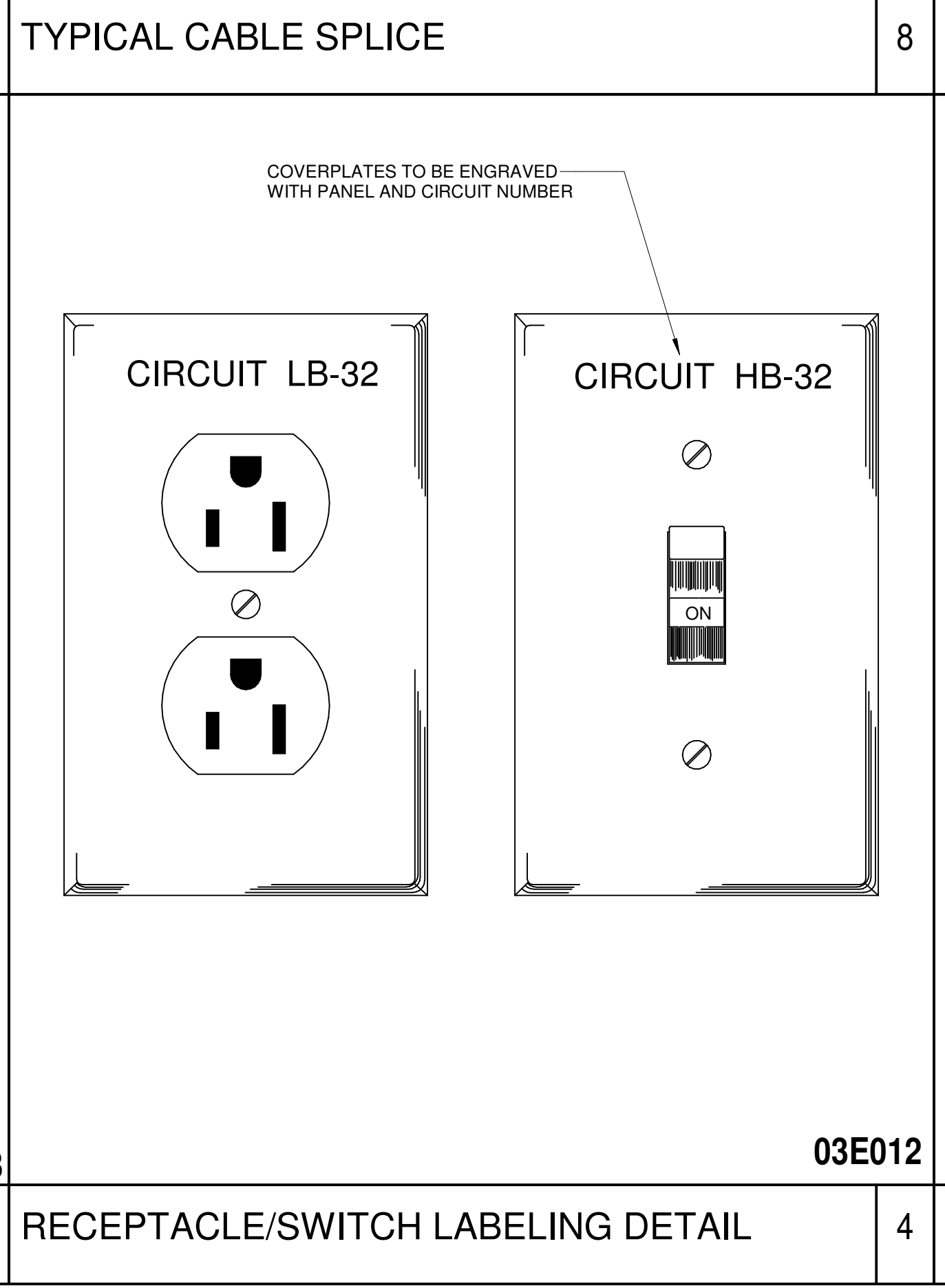
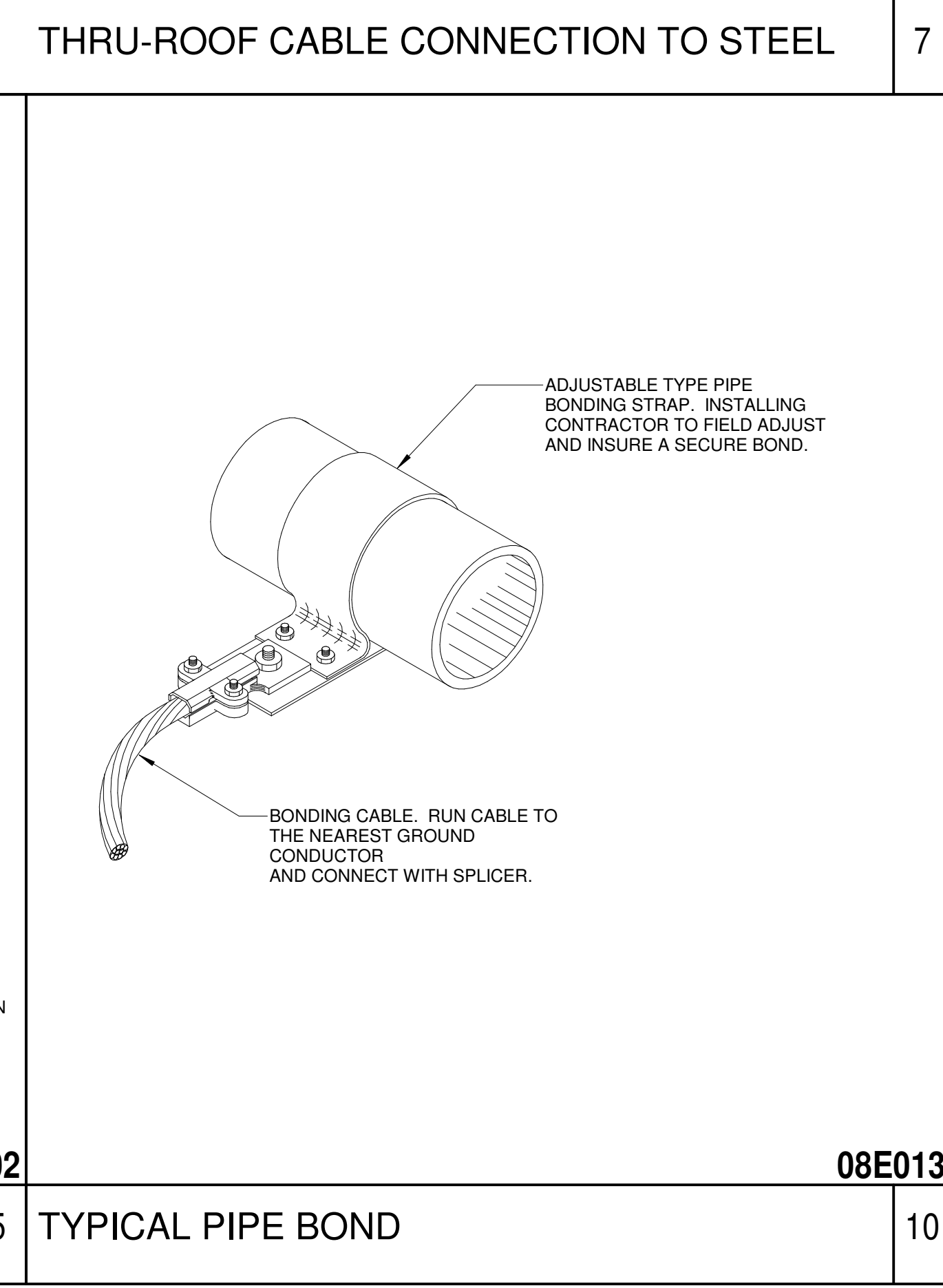
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DESIGNED BY SSR
DRAWN BY SSR
PROJECT NUMBER 19003.00
DATE 12/16/21
TITLE ELECTRICAL DETAILS

Technical drawing grid with 10 columns and 5 rows. Each cell contains a diagram or text block related to electrical installation details for lightning protection systems. Includes diagrams for thru-roof cable connections, typical frame bonds, top mounts, steel connections, pipe bonds, receptacle labeling, and roof-mounted receptacles.



08E002 GENERAL LIGHTNING PROTECTION INSTALLATION NOTES. 1. ENTIRE INSTALLATION SHALL COMPLY WITH NFPA 780. 2. CONNECTIONS TO GROUND ROD SHALL BE MADE NOT LESS THAN 1'-0" BELOW GRADE. 3. AIR TERMINALS SHALL BE PLACED AT UNPROTECTED OUTSIDE CORNERS AND LOCATED INTERMEDIATELY ON 20'-0" MAXIMUM SPACING AROUND THE ROOF PERIMETER OR RIDGE AND WITHIN 2'-0" OF OUTSIDE EDGE. 4. MIDROOF AREAS SHALL BE PROVIDED WITH AIR TERMINALS AS REQUIRED TO INCLUDE THE ENTIRE ROOF AREA IN ACCORDANCE WITH NFPA 780. 5. GROUNDED METAL BODIES LOCATED ABOUT THE STRUCTURE SUCH AS SOIL PIPE VENTS, ROOF DRAINS, EXHAUST FANS, AIR HANDLING UNITS, MISCELLANEOUS EQUIPMENT WITH ELECTRICAL SERVICES, ETC. SHALL BE INTERCONNECTED TO THE LIGHTNING CONDUCTOR SYSTEM AS REQUIRED BY NFPA 780. 6. BOND METALLIC PIPES INCLUDING WATER, FIRE, GAS, SEWER, STORM, ETC. WHICH ENTER THE STRUCTURE WITHIN 12' OF GRADE TO THE NEAREST DOWNLEAD, GROUND ROD, OR GROUND LOOP. 7. REINFORCING, STRUCTURAL FRAMING AND MISCELLANEOUS STEEL SHALL BE MADE ELECTRICALLY CONTINUOUS THROUGHOUT THE CONSTRUCTION BY WELDING, CLIPPING, BOLTING, OR OTHER APPROVED METHODS. 8. TELEPHONE AND/OR ELECTRIC SERVICE ENTRANCE GROUNDS SHALL BE INTERCONNECTED TO ONE LIGHTNING PROTECTION GROUND OR WATER PIPE. 9. THE LIGHTNING PROTECTION SYSTEM SHALL BE INSTALLED IN A NEAT AND INCONSPICUOUS MANNER SO THAT ALL COMPONENTS WILL BLEND WITH THE APPEARANCE OF THE BUILDING. 10. NO BEND OF A CONDUCTOR SHALL FORM A FINAL INCLUDED ANGLE OF LESS THAN 90 DEGREES NOR SHALL HAVE A RADIUS OF LESS THAN 8'-0". 11. CONDUCTORS SHALL INTERCONNECT AIR TERMINALS AND FORM A TWO-WAY PATH FROM EACH AIR TERMINAL HORIZONTALLY OR DOWNWARD TO CONNECTIONS WITH GROUND TERMINALS. 12. LIGHTNING PROTECTION CONDUCTORS SHALL BE FASTENED AT 3'-0" MAXIMUM INTERVALS. 13. ADHESIVE TYPE FITTINGS, IF USED, SHALL BE SET IN PLACE WITH AN APPLICATION OF A COMPATIBLE ADHESIVE COMPOUND BEFORE ROOF GRAVEL IS APPLIED. 14. COORDINATE LOCATION OF AIR TERMINAL, CONDUCTOR, AND GROUND RODS WITH ACTUAL JOBSITE CONDITIONS. 15. BARE COPPER LIGHTNING PROTECTION MATERIALS SHALL NOT BE INSTALLED ON ALUMINUM ROOF OR SIDING OR OTHER ALUMINUM SURFACES; LIKEWISE, ALUMINUM LIGHTNING PROTECTION MATERIALS SHALL NOT BE INSTALLED ON COPPER ROOFING OR COPPER SIDING OR OTHER COPPER SURFACES. 16. LIGHTNING ARRESTORS SHALL BE PROVIDED ON ELECTRIC AND TELEPHONE SERVICE ENTRANCES AND ON RADIO AND TELEVISION ANTENNA LEAD-INS. 17. SEAL ENDS OF CONDUIT MOISTURE TIGHT WITH DUCT SEAL OR LEAD WEDGE. 18. THE LIGHTNING PROTECTION INSTALLATION SHALL COMPLY WITH LIGHTNING PROTECTION INSTITUTE STANDARD 175. THE INSTALLATION SHALL BE MADE BY OR UNDER THE SUPERVISION OF A "L1P" CERTIFIED MASTER INSTALLER. 19. THE INSTALLATION SHALL MEET THE REQUIREMENTS OF THE UNDERWRITERS LABORATORIES STANDARD 96A FOR MASTER LABELED LIGHTNING PROTECTION SYSTEMS.



E

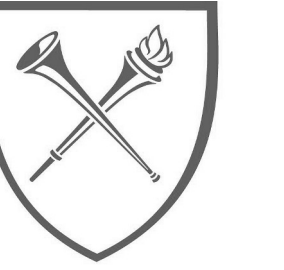
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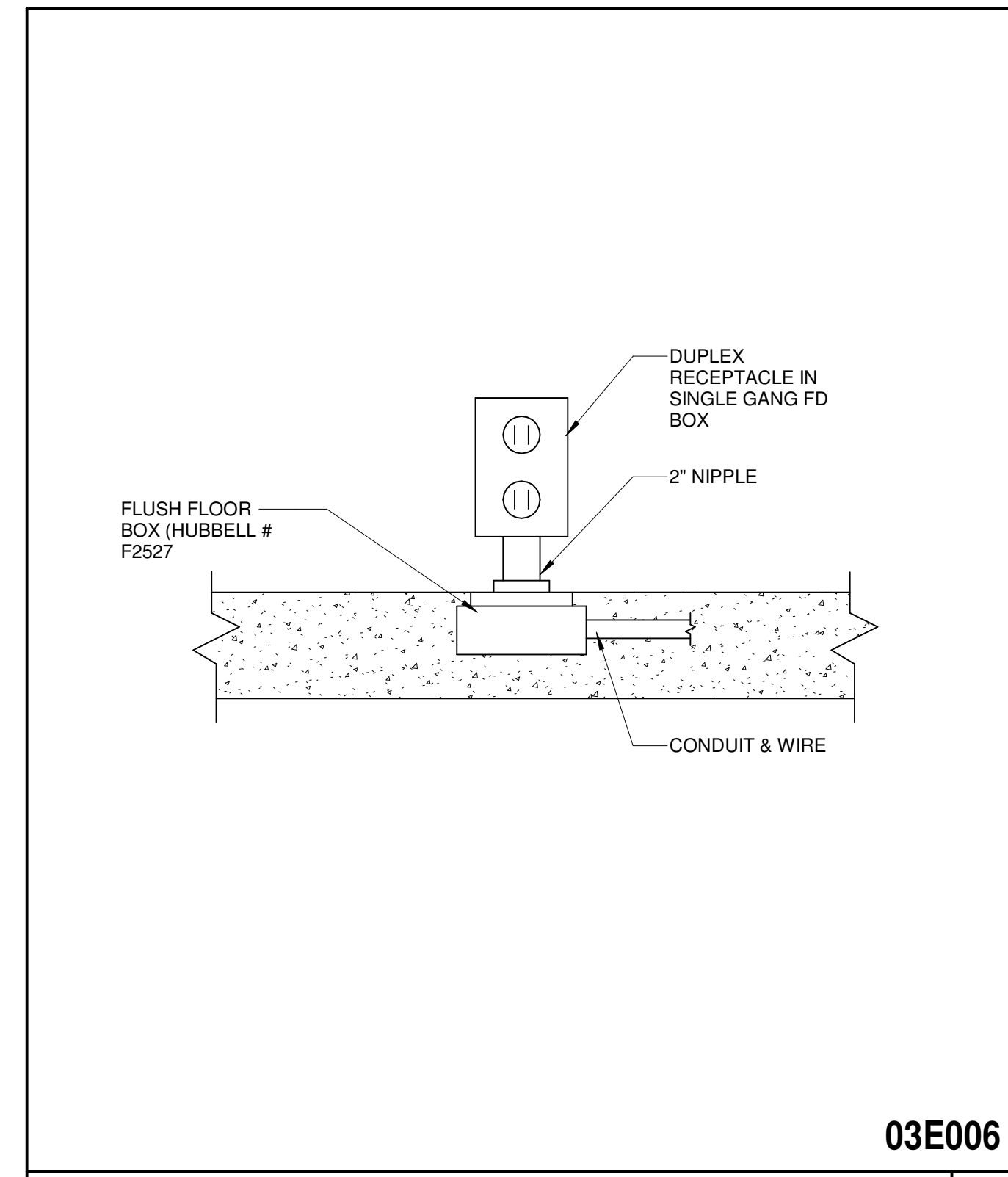
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BMU 350/020922.00 - Emory Sorority Housing
Revised: 09/20/21, Emory Sorority Lodge Plans
12/16/2021 8:35:36 AM



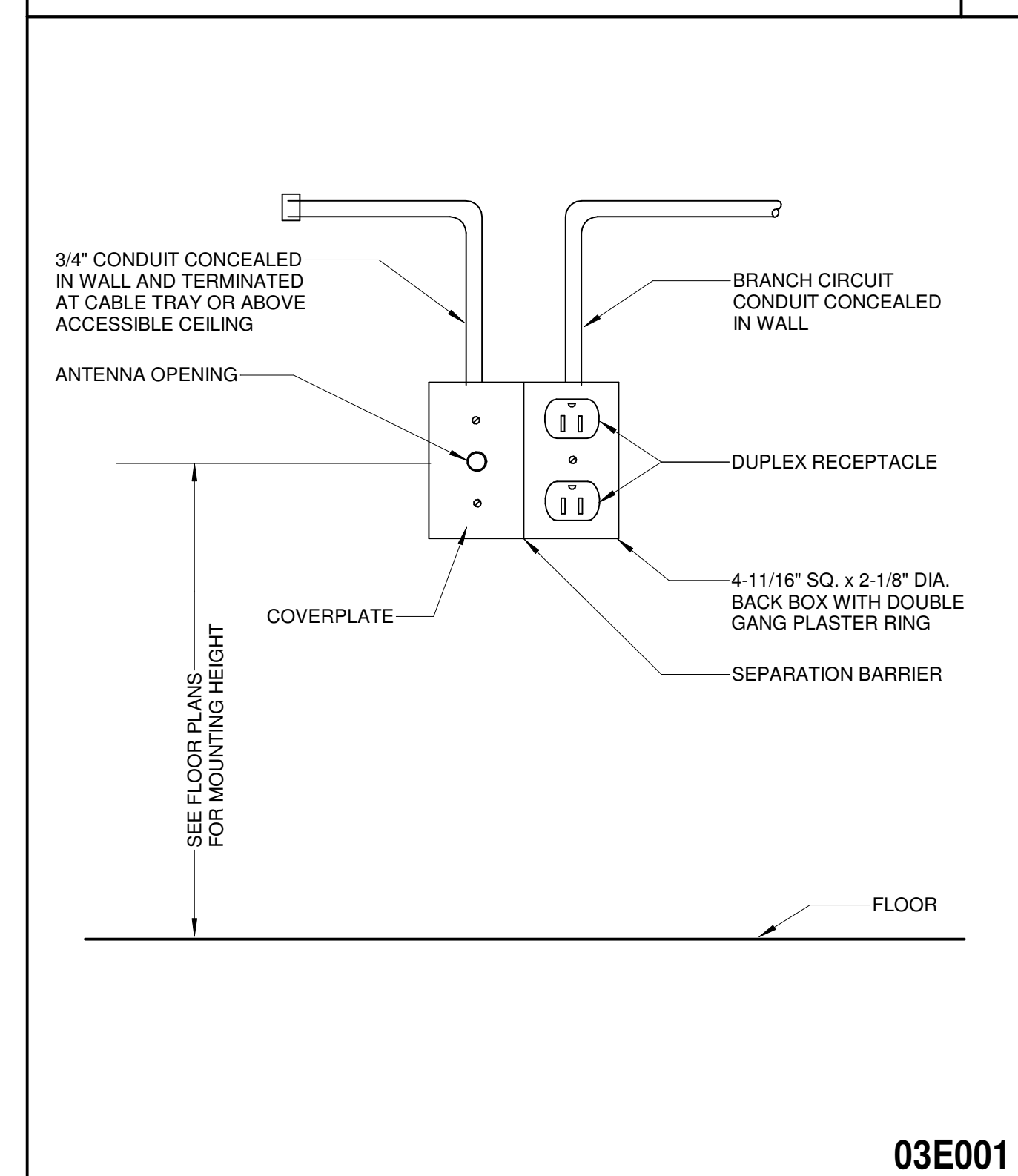
NO.	DESCRIPTION	DATE



03E006

KITCHEN FLOOR OUTLET DETAIL

3

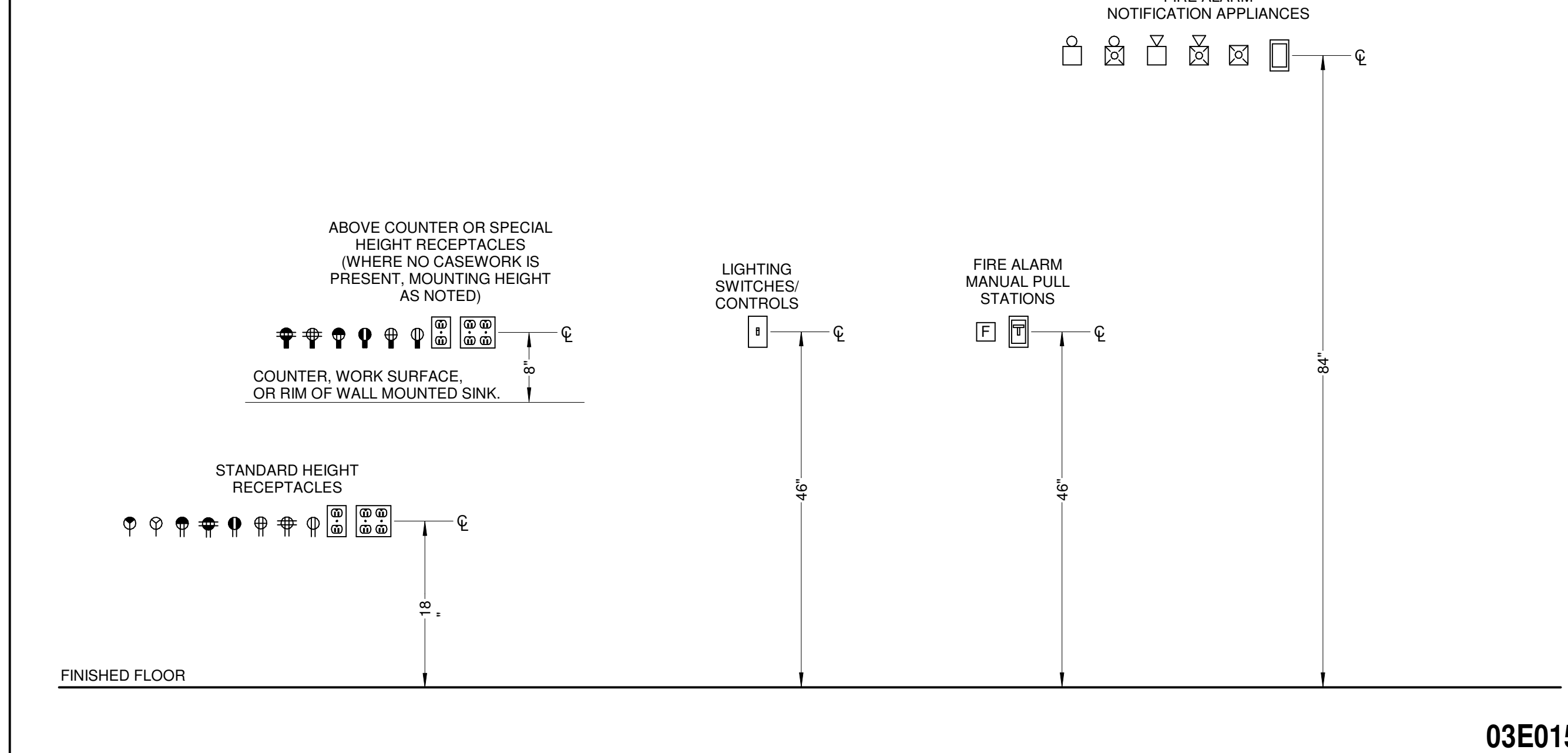


03E001

COMBINATION TELEVISION OUTLET AND RECEPTACLE

2

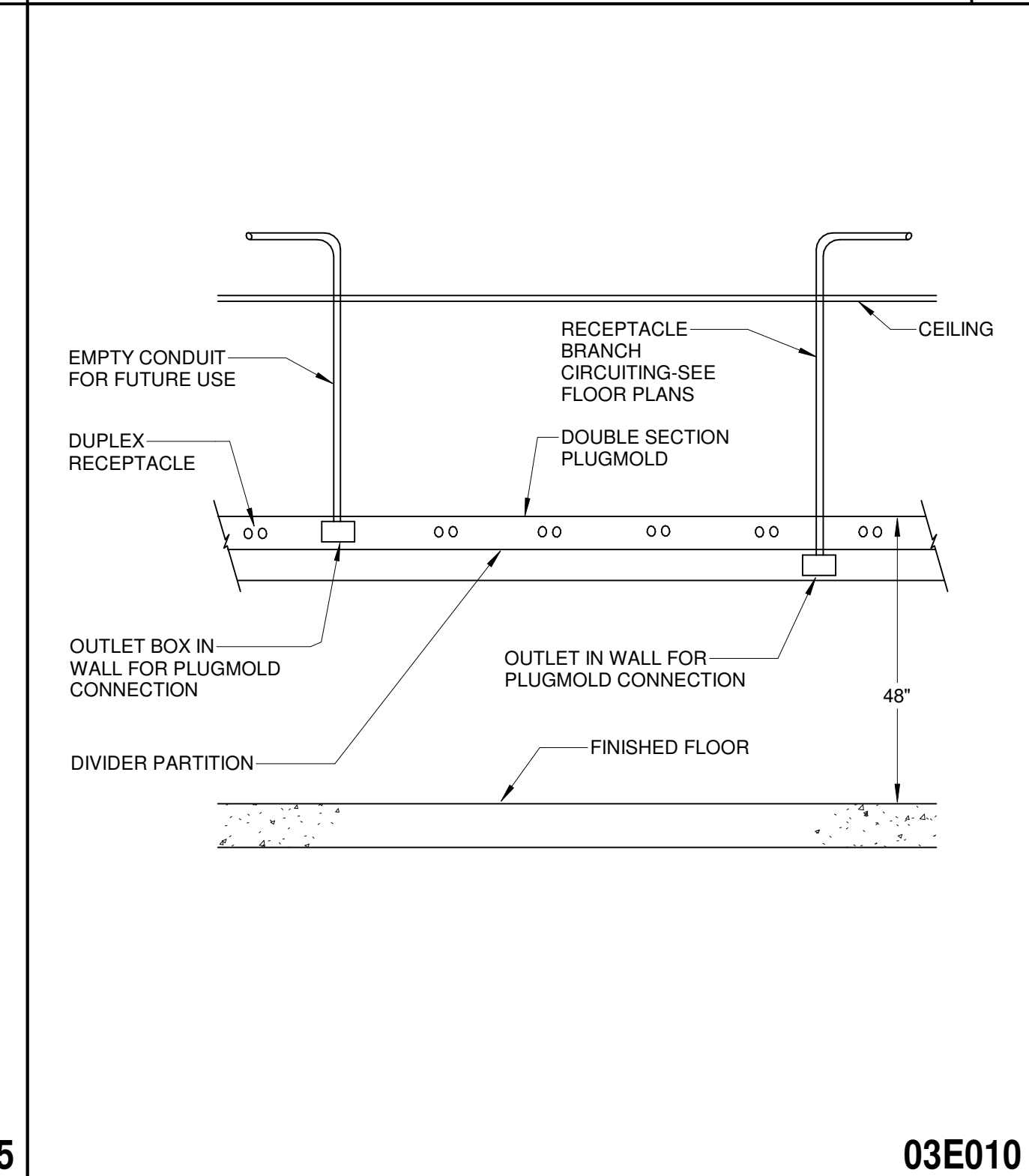
- NOTES:
- REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATIONS AND ADDITIONAL INFORMATION. ARCHITECTURAL ELEVATIONS SHALL GOVERN FOR SPECIAL MOUNTING HEIGHT RECEPTACLES AND SWITCHES.
 - COORDINATE ALL SPECIAL HEIGHT RECEPTACLES FOR TELEVISIONS WITH MOUNTING BRACKET AND CATV OUTLET.
 - REFER TO LEGENDS FOR SYMBOLS NOT SHOWN.



03E015

ELECTRICAL DEVICE MOUNTING HEIGHT DETAIL

4



03E010

TYPICAL PLUGMOLD DETAIL

1



Existing Branch... LJ1 - SEC. 1

Location: Space 122 Volts: 208Y/120 Phases: 3 Wires: 4 A.I.C. Rating: 42 KAIC Mains Type: MCB Mains Rating: 400 A MCB Rating: 400 A

Notes:

Table with 14 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Includes total load and amperage summary at the bottom.

Legend:

Existing Branch... LJ1 - SEC. 2

Location: Space 122 Volts: 208Y/120 Phases: 3 Wires: 4 A.I.C. Rating: 42KAIC Mains Type: MCB Mains Rating: 400 A MCB Rating: 400 A

Notes:

Table with 14 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Includes total load and amperage summary at the bottom.

Legend:

Existing Branch... LI1 - SEC.1

Location: Space 125 Volts: 208Y/120 Phases: 3 Wires: 4 A.I.C. Rating: 30 KAIC Mains Type: MCB Mains Rating: 400 A MCB Rating: 400 A

Notes:

Table with 14 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Includes total load and amperage summary at the bottom.

Legend:

Existing Branch... LF1 - SEC. 1

Location: Space 327 Volts: 208Y/120 Phases: 3 Wires: 4 A.I.C. Rating: 25 KAIC Mains Type: MCB Mains Rating: 400 A MCB Rating: 400 A

Notes:

Table with 14 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Includes total load and amperage summary at the bottom.

Legend:

KEYNOTES table with 2 columns: Keynote Number, Keynote Description. Entry 1: REPLACE EXISTING 50A 2P ADJUSTABLE TRIP CIRCUIT BREAKER WITH 50A 2P ADJUSTABLE TRIP SHUNT CIRCUIT BREAKER, CIRCUIT BREAKER TO MATCH PANELBOARD MANUFACTURER IN ALL RESPECTS.

Existing Branch... LH1 - SEC. 1

Location: Space 304 Volts: 208Y/120 Phases: 3 Wires: 4 A.I.C. Rating: 30 KAIC Mains Type: MCB Mains Rating: 400 A MCB Rating: 400 A

Notes:

Table with 14 columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Includes total load and amperage summary at the bottom.

Legend:

E - F&T LIGHTING FIXTURE SCHEDULE table with columns: TYPE, DESCRIPTION, MANUFACTURER, MODEL, COLOR TEMP, LUMEN OUTPUT, MOUNTING, WATTS, DRIVER (Type, Voltage), NOTES.

EXISTING Branch... LA2

Table with columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Includes location, supply, and voltage information.

EXISTING Branch... LB2

Table with columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Includes location, supply, and voltage information.

EXISTING Branch... LC1

Table with columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Includes location, supply, and voltage information.

EXISTING Branch... LD1

Table with columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Includes location, supply, and voltage information.

EXISTING Branch... LE1

Table with columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Includes location, supply, and voltage information.

COPPER FEEDER SCHEDULE

Table with columns: FEEDER SYMBOL, CONDUCTORS (3-PHASE, 3-WIRE) WITH GROUND, RACEWAY SIZE CONDUIT, CONDUCTORS (3-PHASE, 4-WIRE) WITH GROUND, RACEWAY SIZE CONDUIT, NOMINAL AMPERE RATING.

- FEEDER SIZE NOTES: 1. ALL CONDUCTOR SIZES ARE FOR COPPER CONDUCTORS NEC TABLE 310.15 (B) (16) (2017); 60-DEGREE C UP TO 100A; 75 DEGREE C OVER 100A.

KEYNOTES table with columns: Keynote Number, Keynote Description.

BRANCH CIRCUIT SCHEDULE table with columns: CIRCUIT BREAKER, CONDUCTORS.

- BRANCH CIRCUIT SIZE NOTES: 1. ALL CONDUCTOR SIZES ARE FOR COPPER CONDUCTORS NEC TABLE 310.15 (B) (16) (2017); 60-DEGREE C UP TO 100A; 75 DEGREE C OVER 100A.

LIGHTING FIXTURE SCHEDULE NOTES:

- THE BASIS OF DESIGN FOR LIGHTING FIXTURES SHALL BE AS INDICATED ON THESE DOCUMENTS. ANY SUBSTITUTIONS AND/OR ALTERNATE MANUFACTURERS SHALL BE IDENTIFIED IN THE CONTRACTORS BID FOR THE PROJECT AND SHALL BE ACCOMPANIED WITH A FULL SUBMITTAL OF ALL PROPOSED SUBSTITUTIONS.

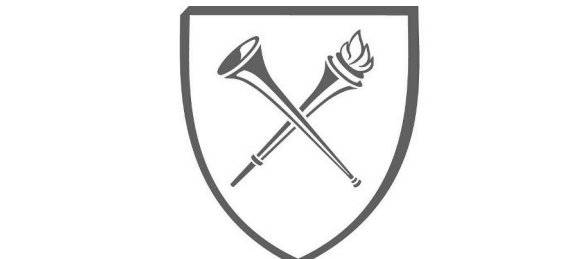
E - F&T LIGHTING FIXTURE SCHEDULE table with columns: TYPE, DESCRIPTION, MANUFACTURER, MODEL, COLOR TEMP, LUMEN OUTPUT, MOUNTING, WATTS, DRIVER, NOTES.



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Offices in Melbourne, Orlando, Boca Raton, Atlanta, Lynnwood, Charleston and Huntsville



EMORY PROJECT NO: CP200000158

EMORY UNIVERSITY SORORITY LODGES A-E 11 EAGLE ROW, ATLANTA GEORGIA 30322 EMORY UNIVERSITY

NOT FOR CONSTRUCTION

DOCUMENT HISTORY

Table with columns for document history: Date, Description, By, Appr.

BRANCH CIRCUIT SIZE NOTES: 1. ALL CONDUCTOR SIZES ARE FOR COPPER CONDUCTORS NEC TABLE 310.15 (B) (16) (2017); 60-DEGREE C UP TO 100A; 75 DEGREE C OVER 100A.

DESIGNED BY SSR DRAWN BY SSR PROJECT NUMBER 19003.00 DATE 12/16/21 TITLE ELECTRICAL SCHEDULES

E-801-2

BLM:5/1/2021 10:20:00 - Emory Sorority Lodges... 12/16/2021 8:35:58 AM